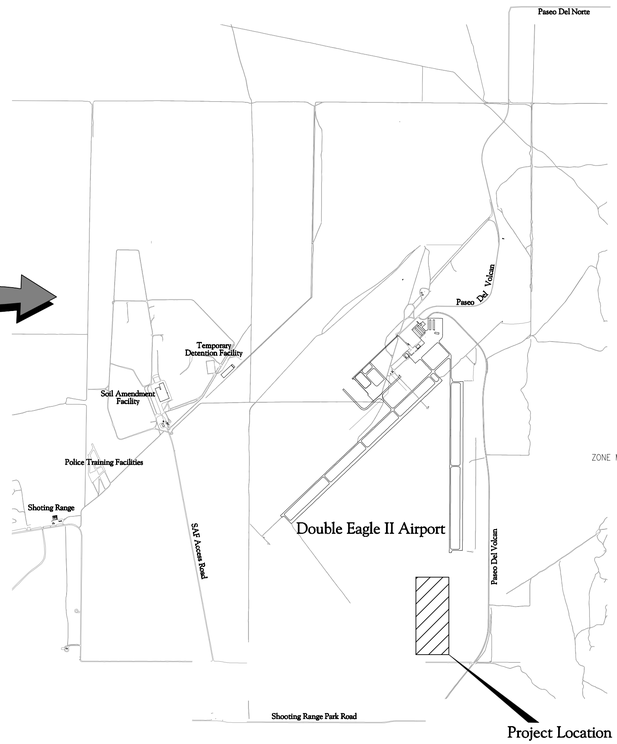
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PLANNING AND DEVELOPMENT
ALBUQUERQUE, NEW MEXICO

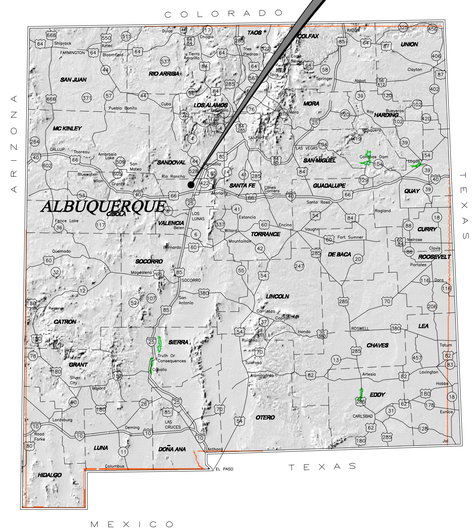
May 2007

for the

AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

7401 Paseo Del Volcan N.W.
Albuquerque, New Mexico 87121





CIVIL ENGINEERS

Molzen-Corbin & Associates
John M. Provine P.E.

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ALBUQUERQUE, NM 87106
TEL: 505.242-5700
FAX: 505.242-0673

MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR THE CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

RECORD DRAWING

DATE:	DRAWN BY:
03/18/09	JCB

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APPROVALS	ENGINEER	DATE	**********
DRC Chairman			APPROVED FOR CONSTRUCTION
Transportation			
Water/Wastewater			
Hydrology			
Aviation			City Engineer Date
Constr. Mngnt.			

JOHN M. PROVINE 10997 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE ORIGINAL REPRODUCIBLE RECORD DRAWING SIGNED BY ME ON 06/07/07

City Project No.	Sheet of
656108	G-000

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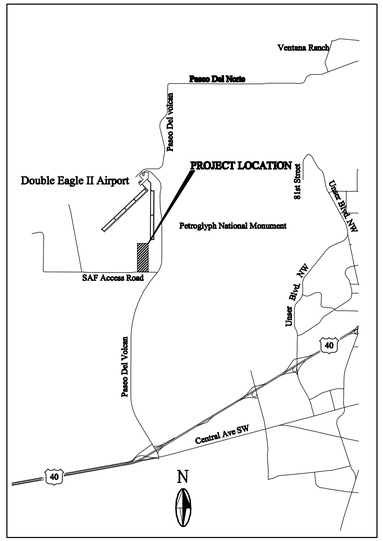
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GAB-000

VICINITY MAP



GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, UPDATE SEVEN (7).
2. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY AND HEALTH. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE CONTRACTOR'S RESPONSIBILITY.
3. THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH MUNICIPAL OFFICIALS, AND UTILITY COMPANY CONSTRUCTION DRAWINGS. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES AND UTILITY CONNECTION POINTS IN THE VICINITY OF THE REQUIRED WORK MAY BE DIFFERENT FROM THE LOCATION SHOWN ON THESE DRAWINGS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITY OBSTRUCTIONS. SHOULD A CONFLICT ARISE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. THE CONTRACTOR SHALL PROTECT AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES. THE CONTRACTOR SHALL ADEQUATELY SUPPORT AND PROTECT EXISTING UTILITIES AFFECTED BY THE CONTRACTOR'S OPERATIONS. IN EVENT THAT EXISTING UTILITIES ARE DAMAGED BY THE CONTRACTORS OPERATIONS, THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE PROMPT REPAIR BY THE RESPECTIVE UTILITY AND SHALL BEAR THE COST OF REPAIRS.
5. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT NM ONE-CALL SYSTEM, 260-1990 FOR SPOTTING OF EXISTING UTILITIES. THE CONTRACTOR SHALL ALSO CALL FOR RE-SPOTS AS NECESSARY TO KEEP UTILITY LOCATIONS CURRENT. OBTAIN BOUNDARY PERMITS AS REQUIRED.
6. WATER SYSTEM FACILITIES ARE OPERATED AND CONTROLLED BY THE CITY OF ALBUQUERQUE WATER UTILITY DEPARTMENT. THE CONTRACTOR SHALL CONTACT THE UTILITY DIVISION AT LEAST SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK AFFECTING OR REQUIRING SHUTOFFS OF WATER OR SEWER FACILITIES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL WATER NECESSARY FOR CONSTRUCTION. THE COSTS FOR WATER SHALL BE CONSIDERED INCIDENTAL TO COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR.
8. THE CONTRACTOR SHALL MAINTAIN A DETAILED UP TO DATE SET OF AS BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT MANAGER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS BUILT PLANS SHALL BE SUBMITTED TO THE PROJECT MANAGER PRIOR TO FINAL PAYMENT.
9. TRAFFIC CONTROL TO BE IMPLEMENTED BY THE CONTRACTOR PER NMUTCD. A STANDARD TRAFFIC CONTROL PLAN IS PROVIDED, BUT CONTRACTOR SHALL FURNISH THE SPECIFIC PLANS, AS REQUIRED TO COINCIDE WITH SEQUENCING OF CONSTRUCTION. CONTRACTOR SHALL FURNISH A TRAFFIC CONTROL PLAN (DRAWING SHEET) WITH ANY DETOUR ARRANGEMENTS TO THE PUBLIC WORKS AND UTILITY DEPARTMENTS PRIOR TO COMMENCING WORK. CONTRACTOR MUST NOTIFY THE ALBUQUERQUE PUBLIC WORKS DEPARTMENT, 48 HOURS IN ADVANCE OF STARTING OR ALTERING ANY TRAFFIC CONTROL PROGRAM.
10. WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE, AS REQUIRED, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.
11. WHERE TRENCHING EXPOSES EXISTING UTILITY LINES, THE CONTRACTOR IS RESPONSIBLE FOR SUPPORTING THE LINE DURING CONSTRUCTION AND ASSURE THAT IT IS BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
12. ANY AREA NOT PAVED OR LANDSCAPED WHICH IS DISTURBED DURING CONSTRUCTION SHALL BE SEEDED WITH NATIVE GRASS. THE COST OF SEEDING SHALL BE CONSIDERED INCIDENTAL TO THE WORK.
13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
14. CONTRACTOR WILL ENSURE THAT POSITVE DRAINAGE BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

WORK INCLUDED ON THIS PROJECT

WORK INCLUDED IN THIS PROJECT INCLUDES, BUT IS NOT LIMITIED TO, THE FOLLOWING: COA ATP INFRASTUCTURE PROJECT CONSISTS OF INSTALLING NEW WATER AND SEWER SYSTEM IN THE AREA OF DOUBLE EAGLE II AIRPORT. ALSO INCLUDED WILL BE THE INSTALLATION OF NEW STORM DRAIN, THE MOVING, DISPOSING AND/OR IMPORTING OF SOIL SUITABLE FOR PLACEMENT. ALSO INCLUDED IN THE PROJECT IS THE BUILDING OF COMPLETE SECTIONS OF ROADWAY, C&G, SIDEWALK AND PAVEMENT MARKINGS SHOWN IN THESE PLANS.

INDEX OF DRAWINGS

SEQUENCE	SHEET	DESCRIPTION
1	G000	TITLE SHEET
2	G001	INDEX TO DRAWINGS/GENERAL NOTES
3	G002	TYPICAL ROADWAY SECTIONS
6	C101	AEROSPACE PARKWAY PLAN AND PROFILE STA 10+00 TO STA 21+50
7	C102	AEROSPACE PARKWAY PLAN AND PROFILE STA 21+50 TO STA 32+50
8	C103	AEROSPACE PARKWAY PLAN AND PROFILE STA 32+50 TO STA 41+62.19
9	C104	CUL-DE-SAC 1 PLAN AND PROFILE STA 10+00 TO STA 19+00
10	C105	CUL-DE-SAC 1 PLAN AND PROFILE STA 19+00 TO STA E..O.P.
11	C106	CUL-DE-SAC 2 PLAN AND PROFILE STA 10+00 TO STA 19+00
12	C107	CUL-DE-SAC 2 PLAN AND PROFILE STA 19+00 TO STA E..O.P.
13	C108	CUL-DE-SAC 1 STORM DRAIN PLAN AND PROFILE STA 10+00 TO STA 21+00
14	C109	CUL-DE-SAC 1 STORM DRAIN PLAN AND PROFILE STA 21+00 TO STA E.O.P.
15	C110	CUL-DE-SAC 2 STORM DRAIN PLAN AND PROFILE STA 10+00 TO STA 21+00
16	C111	CUL-DE-SAC 2 STORM DRAIN PLAN AND PROFILE STA 21+00 TO STA E.O.P
17	C112	AEROSPACE PKWY SAS PLAN AND PROFILE STA 10+00 TO STA 21+00
18	C113	AEROSPACE PKWY SAS PLAN AND PROFILE STA 21+00 TO STA 24+88
19	C114	CUL-DE-SAC 2 SAS PLAN AND PROFILE STA 10+00 TO STA 21+00
20	C115	CUL-DE-SAC 2/ UTILITY ESMT. SAS PLAN AND PROFILE STA 21+00 TO STA 28+00
21	C116	UTILITY ESMT. SAS PLAN AND PROFILE STA 28+00 TO STA 39+00
22	C117	UTILITY ESMT. SAS PLAN AND PROFILE STA 39+00 TO STA 50+00
23	C118	AEROSPACE PKWY WATERLINE PLAN AND PROFILE STA 10+00 TO STA 21+00
24	C119	AEROSPACE PKWY WATERLINE PLAN AND PROFILE STA 21+00 TO STA 28+00
25	C120	CUL-DE-SAC 2 WATERLINE PLAN AND PROFILE STA 28+00 TO STA 39+00
26	C121	UTILITY ESMT. WATERLINE PLAN AND PROFILE STA 39+00 TO STA 50+00
27	C122	UTILITY ESMT. WATERLINE PLAN AND PROFILE STA 50+00 TO STA 61+00
28	C123	UTILITY ESMT. WATERLINE PLAN AND PROFILE STA 61+00 TO STA 72+00
29	C124	UTILITY ESMT. WATERLINE PLAN AND PROFILE STA 72+00 TO STA 83+00
30	C125	UTILITY ESMT. WATERLINE PLAN AND PROFILE STA 83+00 TO STA E.O.P.
31	C126	SOUTH DITCH PLAN AND PROFILE STA 10+00 TO STA 21+00
32	C127	SOUTH DITCH PLAN AND PROFILE STA 21+00 TO STA 31+50
33	C128	SOUTH DITCH PLAN AND PROFILE STA 31+50 TO STA 35+77.84
34	C129	POND GRADING (FUTURE)
35	C130	POND GRADING (INTERIM)
36	C131	WEST BERM PLAN AND PROFILE STA 10+00 TO 20+00
37	C132	WEST BERM PLAN AND PROFILE STA 20+00 TO 30+37.30
38	C133	MARKING PLAN
39	C301	CUL-DE-SAC INLET SECTIONS (FUTURE)
40	C501	EROSION CONTROL DETAILS
41	C502	STORM DRAIN DETAIL

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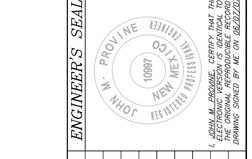
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CONTRACTOR
WORK STARTED BY DATE
SURVEYING COMPLETED BY DATE
ACCEPTANCE BY DATE
VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL



I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY SIGNED AND SEALED. DRAWING SIGNED BY ME ON 06/22/22

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY	CWG/RPA	DATE	MARCH 07
DRAWN BY	CWG/RPA	DATE	MARCH 07
CHECKED BY	JMP	DATE	MARCH 07

RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

INDEX OF SHEETS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	G001	

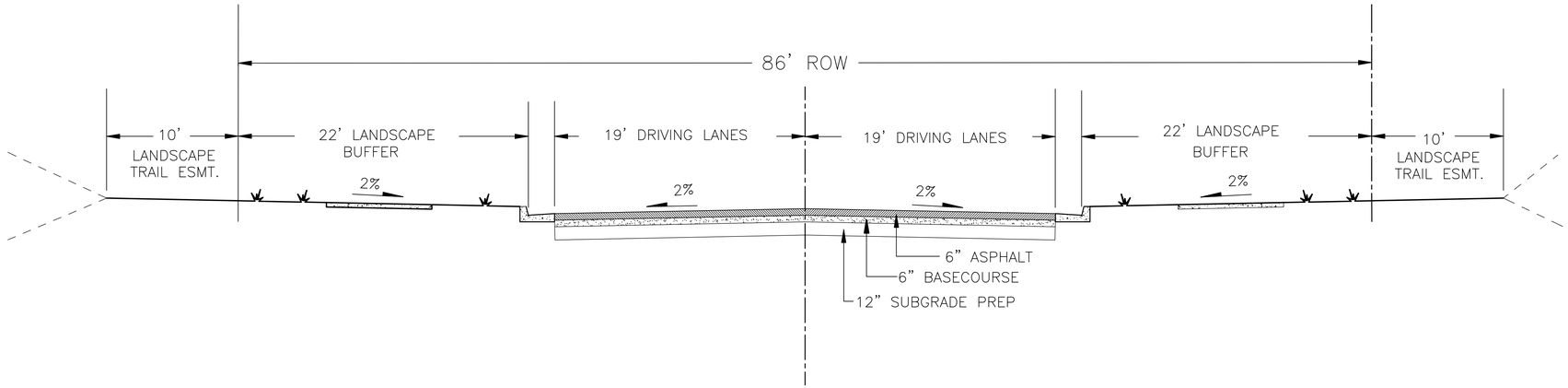
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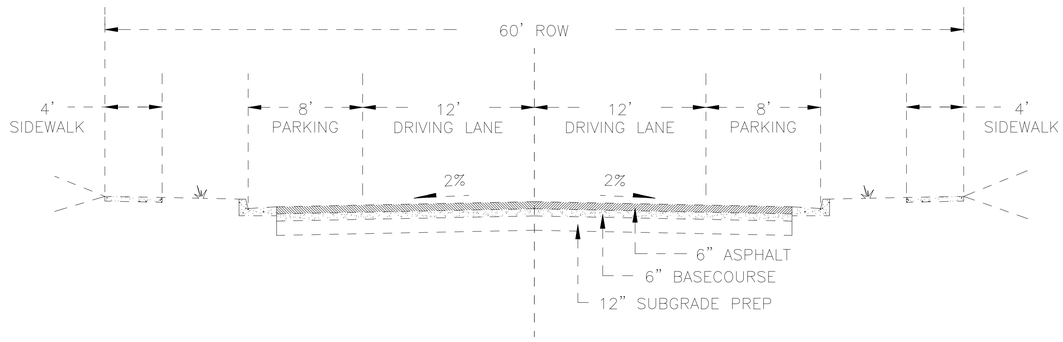
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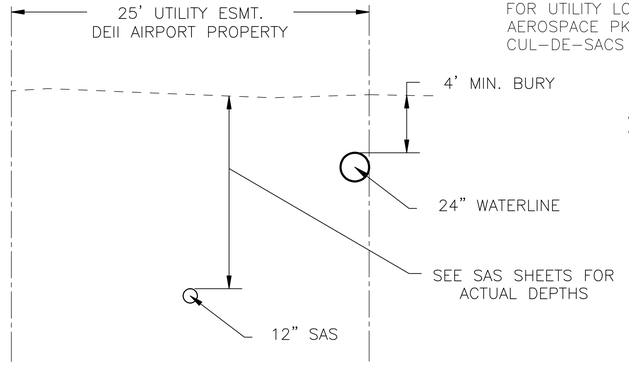
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AEROSPACE PARKWAY
N.T.S.



CULDESAC 1 & 2 (FUTURE)
N.T.S.



NOTE: SEE UTILITY PLAN AND PROFILE SHEETS FOR UTILITY LOCATIONS IN AEROSPACE PKWY AN CUL-DE-SACS 1 & 2.

3-1¼" FOPT. (BY OTHERS)
NATURAL GAS (BY OTHERS)
ELECTRIC LINE (BY OTHERS)

COA UTILITY EASEMENT
N.T.S.

RECORD DRAWING	
DATE: 03/18/09	DRAWN BY: JCB

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ACCEPTANCE BY DATE
FINAL VERIFICATION BY DATE
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FIELD NOTES

NO.	BY	DATE

MICRO-FILM INFORMATION
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NO.

ENGINEER'S SEAL
JOHN M. PROVINE 10897 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY DRAWING SIGNED BY ME ON 06/22/2007

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		CWG/RPA	DATE MARCH 07
DRAWN BY		CWG/RPA	DATE MARCH 07
CHECKED BY		JMP	DATE MARCH 07

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MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

TYPICAL ROADWAY SECTIONS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	G002	

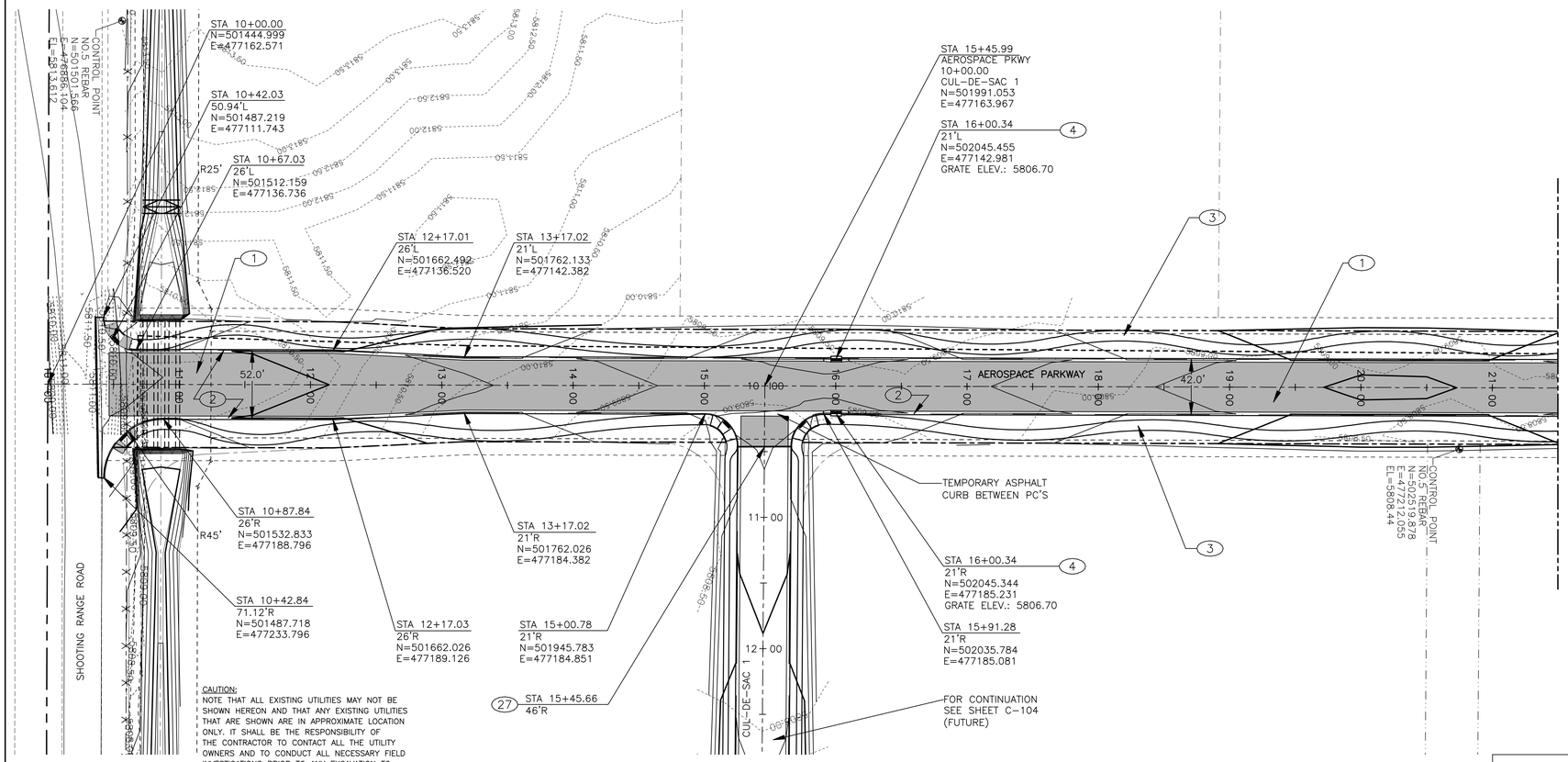
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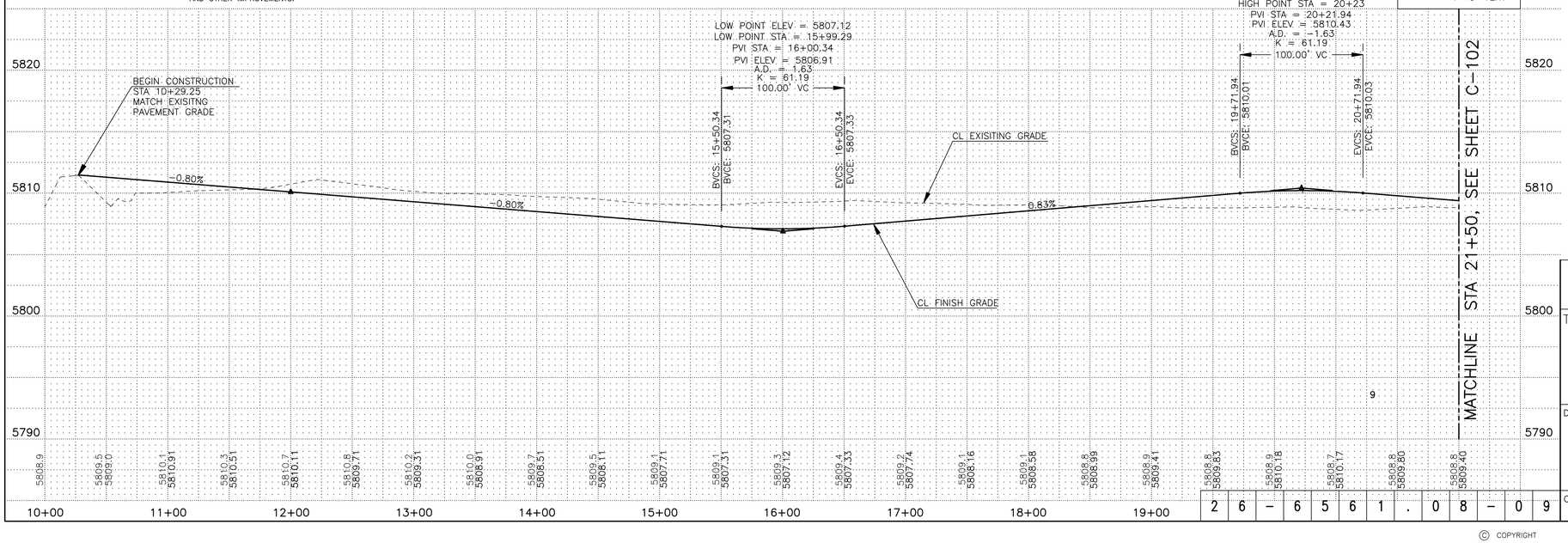
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GAB-002 3/18/09 1:1





LEGEND

- EXISTING TOPOGRAPHY CONTOUR
- NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY

NOTE: ALL OFFSET DIMENSIONS AND LEADERS SHOWN AT FLOWLINE OF C&G UNLESS OTHERWISE NOTED.

KEYED NOTES

1. NEW 6" BITUMINOUS SURFACE COURSE SEE SHEET G-002 FOR TYPICAL SECTION
2. NEW STANDARD TYPE CURB AND GUTTER AS PER COA DWG. 2415A
3. NEW 8' WIDE MEANDERING WALKWAY.
4. NEW STORM INLET DOUBLE "C" AS PER COA DWG. 2205
27. NEW TEMPORARY CUT-OFF WALL AS PER COA DWG. 2415B

RECORD DRAWING	
DATE: 03/18/0	DRAWN BY: JCB

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N

0 10' 20' 50' 100'

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FAX: 505.243-0873
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

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WORK STARTED BY DATE
WORK COMPLETED DATE
ACCEPTANCE BY DATE
AS-BUILT BY DATE
VERIFICATION BY DATE
DRAWINGS COMPILED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

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FIELD NOTES

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ENGINEER'S SEAL
JOHN M. BROOME
10997
NEW MEXICO
PROFESSIONAL ENGINEER
I, JOHN M. BROOME, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE ORIGINAL SIGNED DRAWING SIGNED BY ME ON 06/22/07

NO.	DATE	REMARKS	BY
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DRAWN BY		CWG/RPA	DATE MARCH 07
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

AEROSPACE PARKWAY
PLAN AND PROFILE
STA 10+00 TO STA 21+50

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C101	

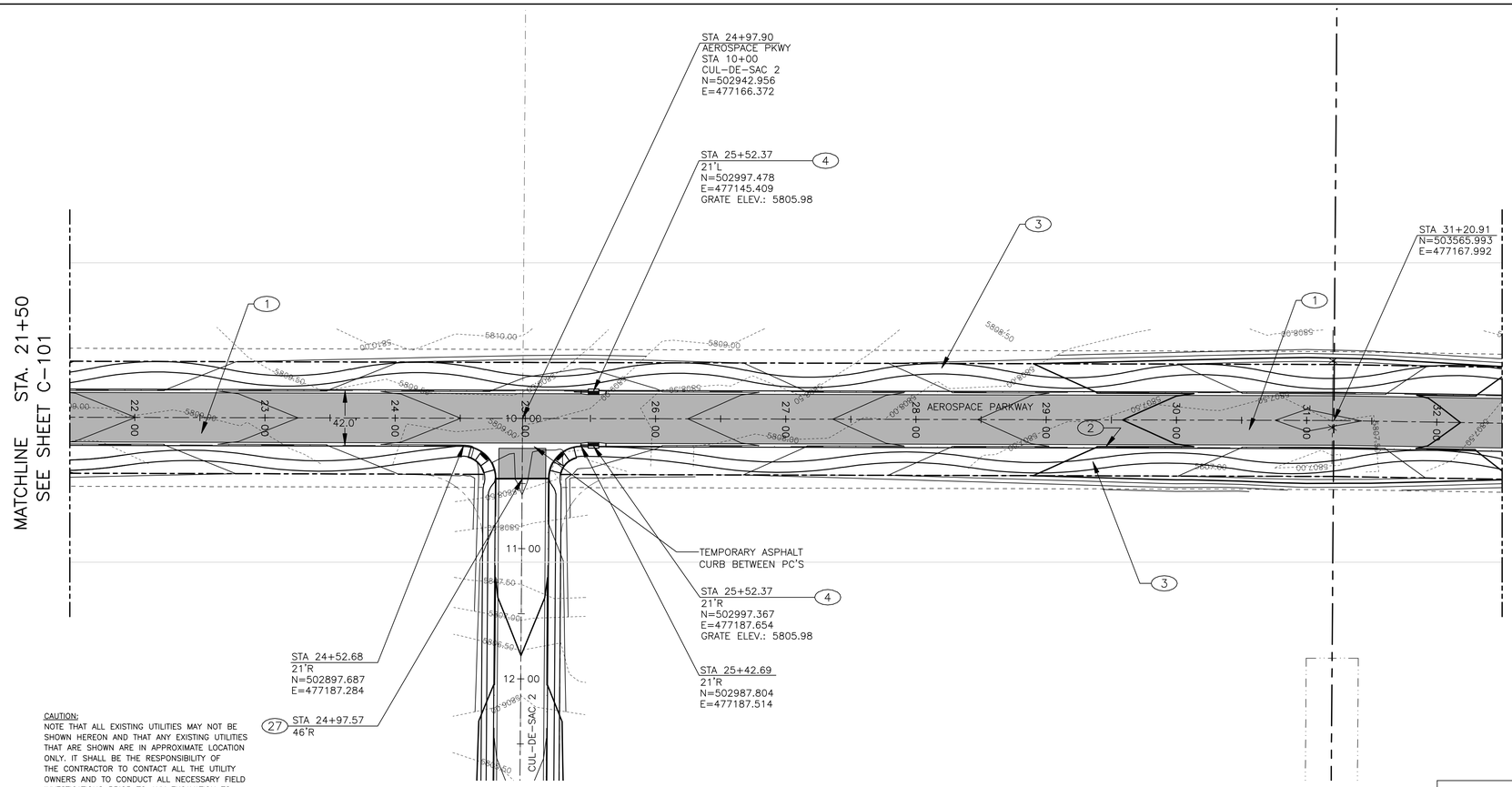
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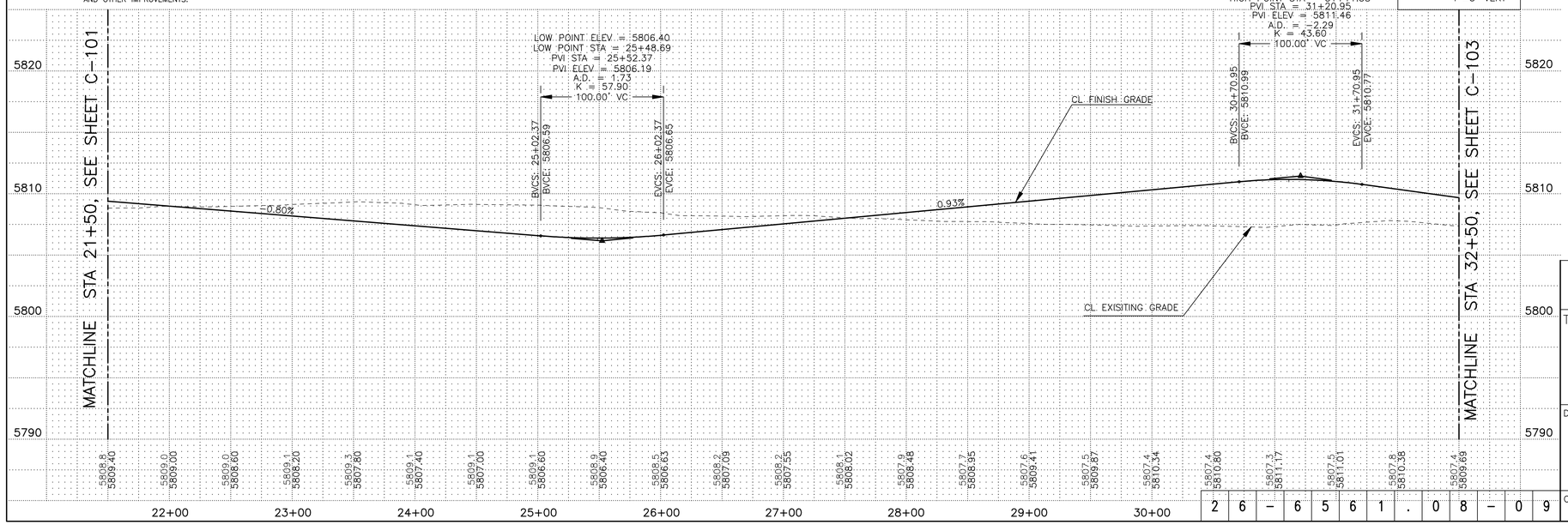
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CAB-101 3/19/09 1:1



CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN HEREON AND THAT ANY EXISTING UTILITIES THAT ARE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.



SCALE: 1"=50' HORIZ
1"=5' VERT

LEGEND

- EXISTING TOPOGRAPHY CONTOUR (5744.00)
- NEW TOPOGRAPHY CONTOUR (5744.0)
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
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0 10' 20' 50' 100'

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TEL: 505.243-0700
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MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY: DATE
CONSTRUCTION IS ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: DATE
DRAWINGS CONVERTED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JOHN M. BROADIE, NEW MEXICO, 10997, REGISTERED PROFESSIONAL ENGINEER
I, JOHN M. BROADIE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY SIGNED AND SEALED BY ME.
DRAWING SIGNED BY ME ON 06/22/2007

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

AEROSPACE PARKWAY
PLAN AND PROFILE
STA 21+50 TO STA 32+50

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

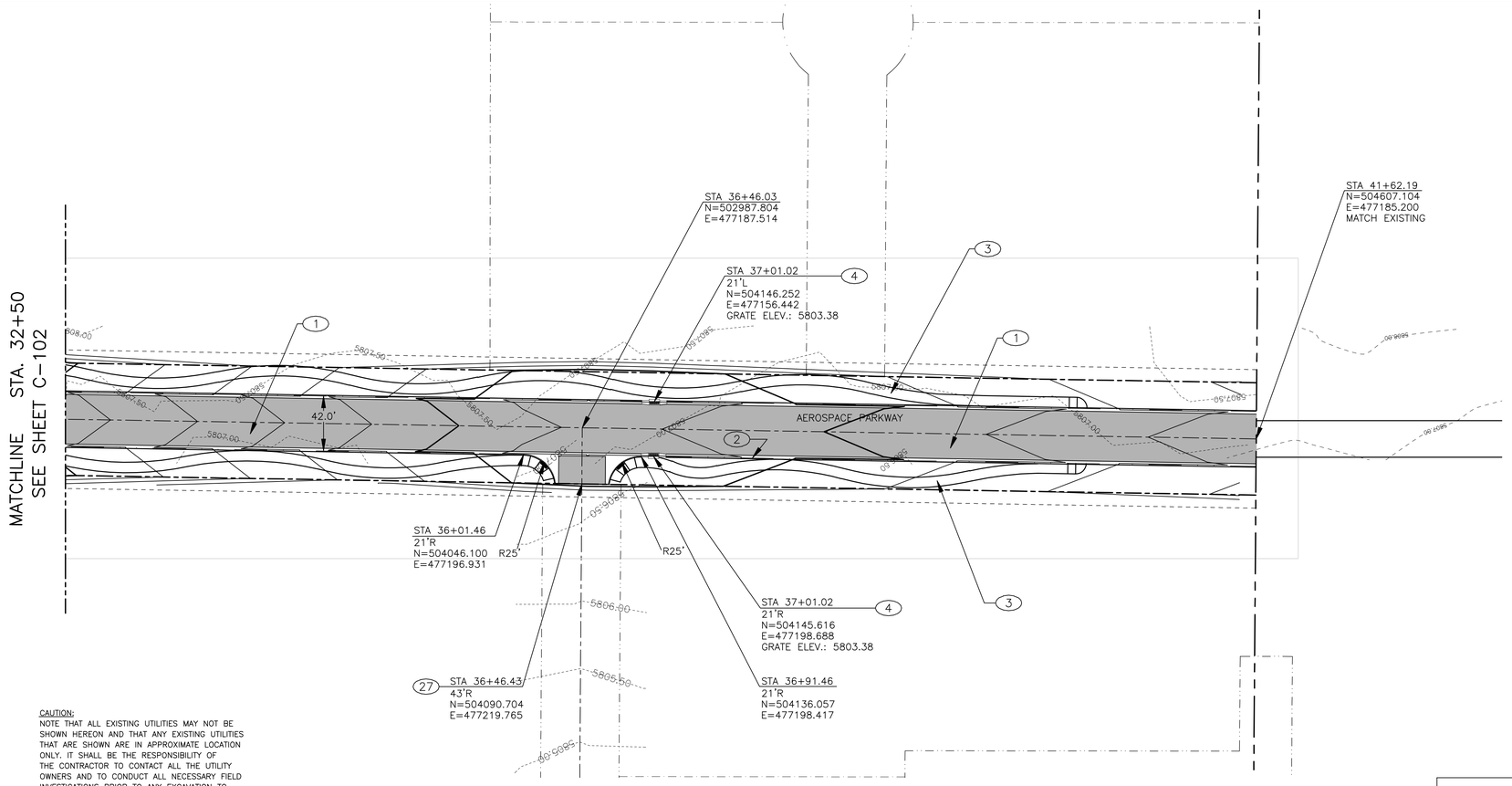
City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C102	

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LEGEND

- EXISTING TOPOGRAPHY CONTOUR (5744.00)
- NEW TOPOGRAPHY CONTOUR (5744.0)
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

NOTE: ALL OFFSET DIMENSIONS AND LEADERS SHOWN AT FLOWLINE OF C&G UNLESS OTHERWISE NOTED.

KEYED NOTES

(1) NEW 6" BITUMINOUS SURFACE COURSE SEE SHEET G-002 FOR TYPICAL SECTION

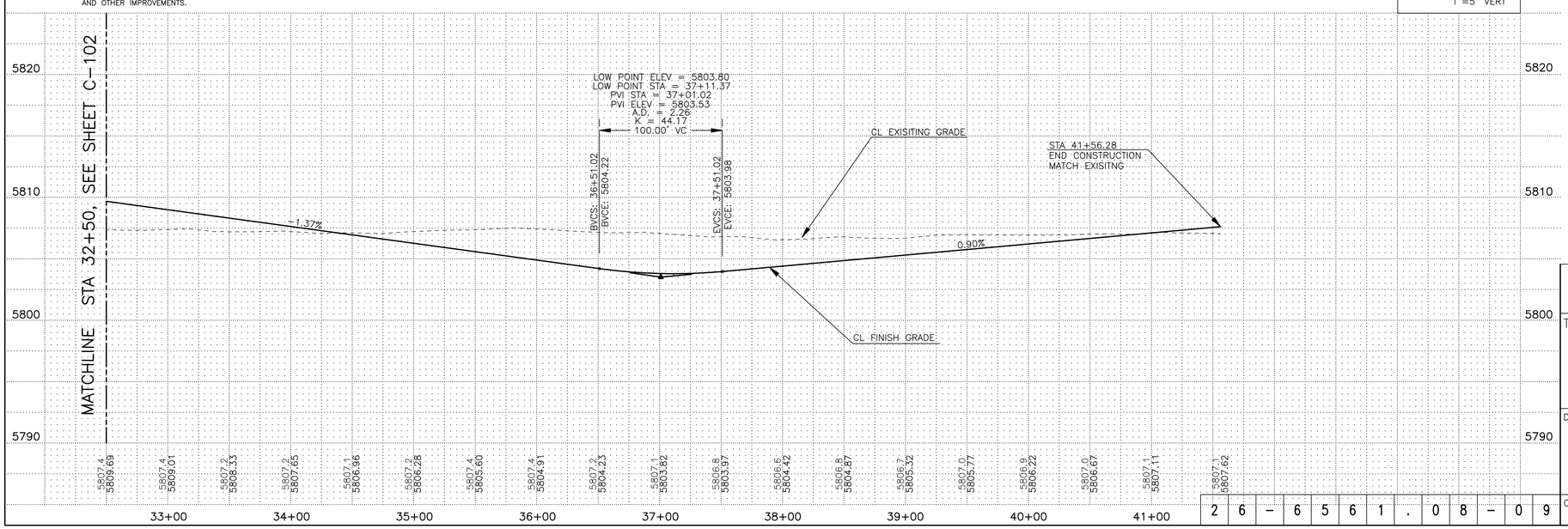
(2) NEW STANDARD TYPE CURB AND GUTTER AS PER COA DWG. 2415A

(3) NEW 8' WIDE MEANDERING WALKWAY.

(4) NEW STORM INLET DOUBLE "C" AS PER COA DWG. 2205

(27) NEW TEMPORARY CUT-OFF WALL AS PER COA DWG. 2415B

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN HEREON AND THAT ANY EXISTING UTILITIES THAT ARE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.



RECORD DRAWING

DATE:	DRAWN BY:
03/18/09	JCB

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0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-0700
FAX: 505.243-0873
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY DATE
CONSTRUCTION IS ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JOHN M. BRIGGS, NEW MEXICO 10997, REGISTERED PROFESSIONAL ENGINEER
I, JOHN M. BRIGGS, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE ORIGINAL DRAWING SIGNED BY ME ON 06/21/22

NO.	DATE	REMARKS	BY
		DESIGN	
DESIGNED BY	CWG/RPA	DATE	MARCH 07
DRAWN BY	CWG/RPA	DATE	MARCH 07
CHECKED BY	JMP	DATE	MARCH 07

REVISIONS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

AEROSPACE PARKWAY
PLAN AND PROFILE
STA 32+00 TO STA 41+62.19

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C103	

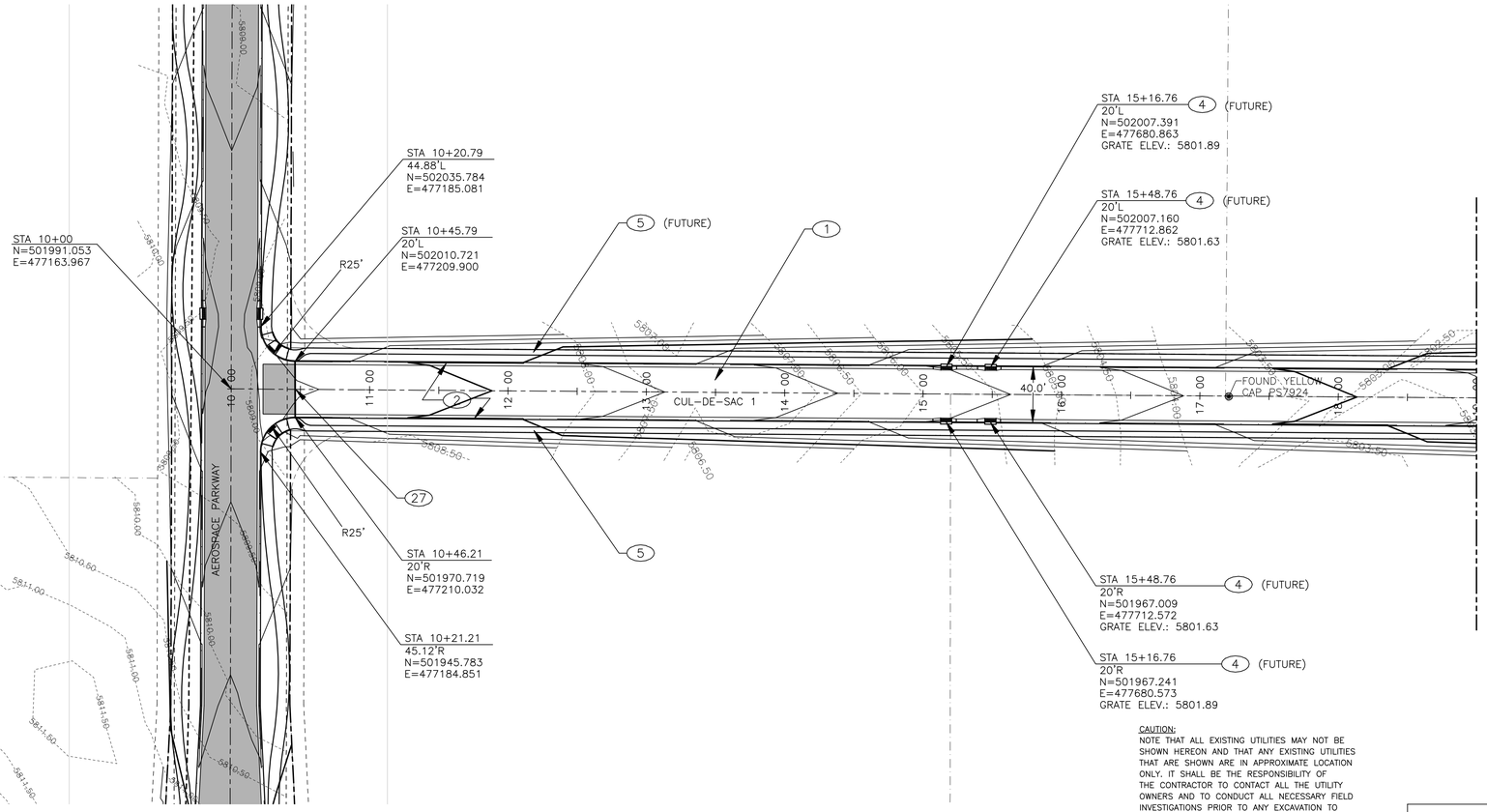
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REDRAWN FOR RECORD PURPOSES

CAB-103 3/19/09 1:1



CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN HEREON AND THAT ANY EXISTING UTILITIES THAT ARE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

LEGEND

- EXISTING TOPOGRAPHY CONTOUR
- NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

NOTE: ALL OFFSET DIMENSIONS AND LEADERS SHOWN AT FLOWLINE OF C&G UNLESS OTHERWISE NOTED.

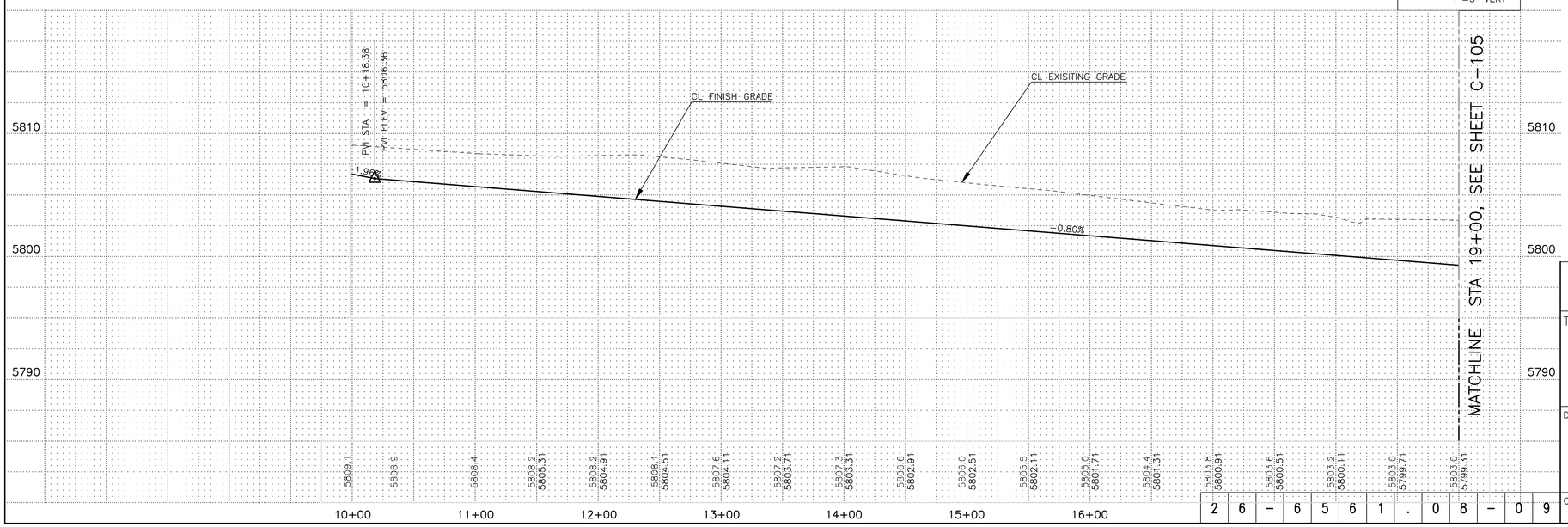
KEYED NOTES

1. NEW 6" BITUMINOUS SURFACE COURSE SEE SHEET G-002 FOR TYPICAL SECTION
2. NEW STANDARD TYPE CURB AND GUTTER AS PER COA DWG. 2415A
4. NEW STORM INLET DOUBLE "C" AS PER COA DWG. 2205
5. NEW 4' SIDEWALK AS PER COA DWG. 2430. SEE TYPICAL SECTION SHEET G-002.
27. NEW TEMPORARY CUT-OFF WALL AS PER COA DWG. 2415B

RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

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ALBUQUERQUE, NM 87106
TEL: 505.243-5700
FAX: 505.243-0873
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STARTED BY — DATE
WORK COMPLETED — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CONVERTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO DRAWING SIGNED BY ME ON 06/22/07

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY	CWG/RPA	DATE MARCH 07
DRAWN BY	CWG/RPA	DATE MARCH 07
CHECKED BY	JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

CUL-DE-SAC 1
PLAN AND PROFILE
STA 10+00 TO STA 19+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

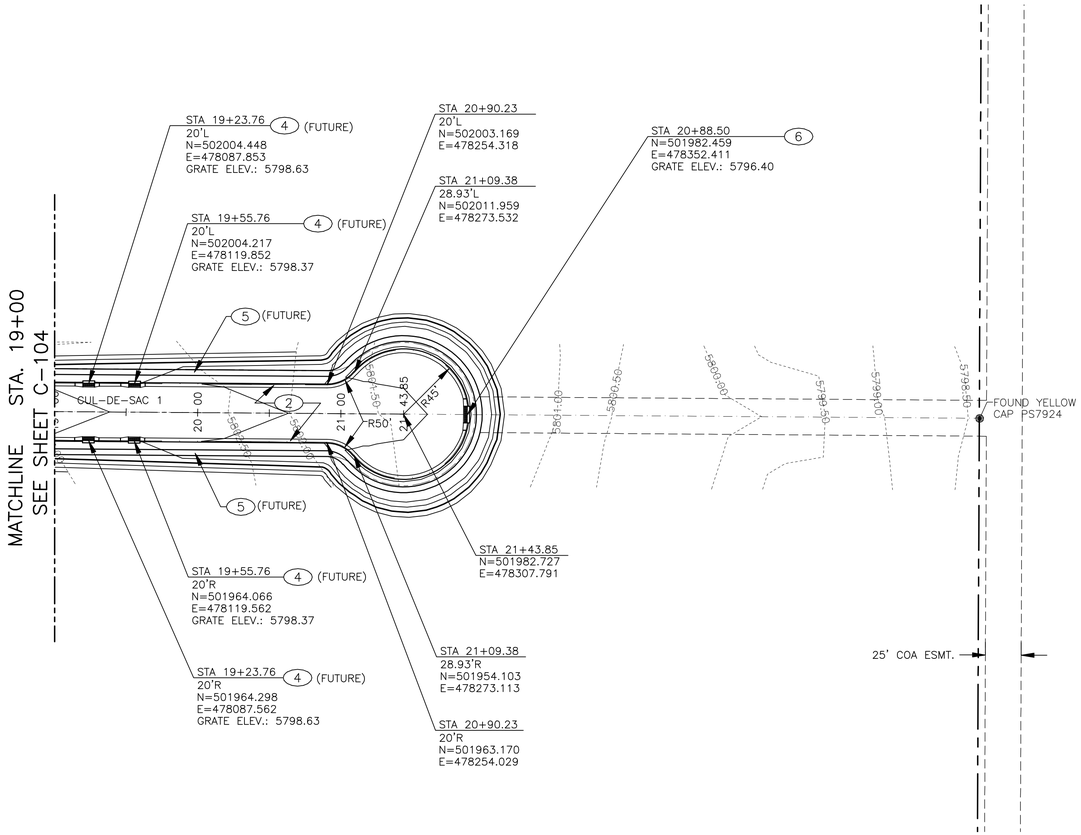
City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C104	

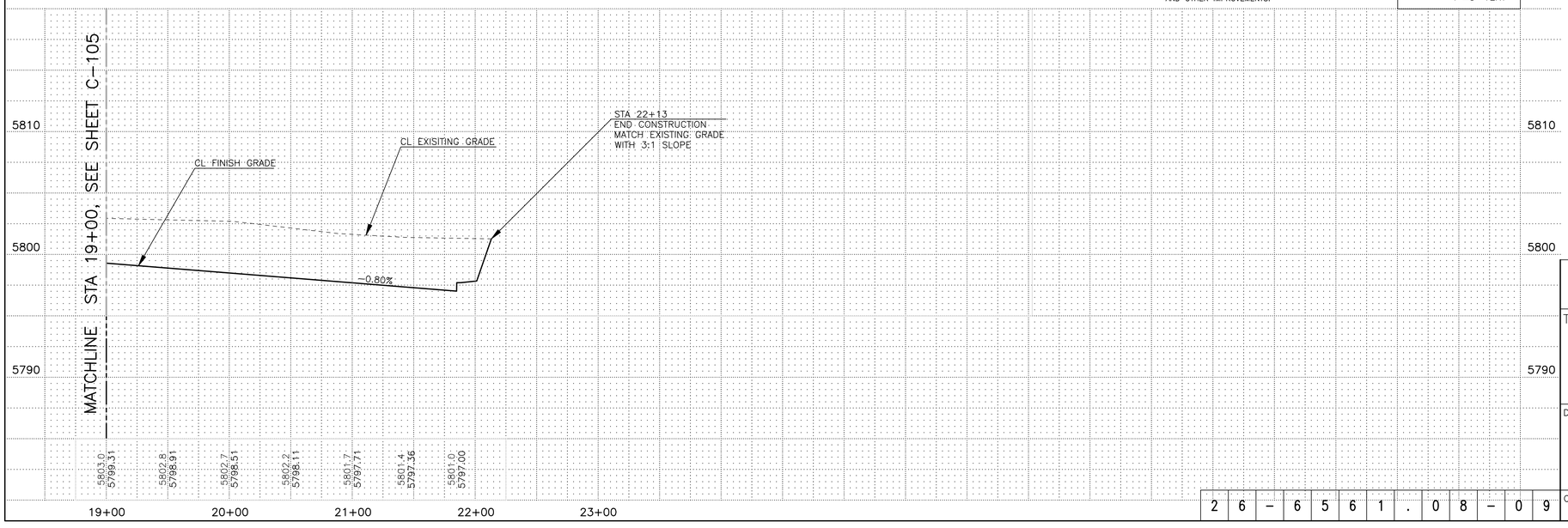
26-656108.08-09

CAB-104 3/19/09 1:1

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LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

NOTE: ALL OFFSET DIMENSIONS AND LEADERS SHOWN AT FLOWLINE OF C&G UNLESS OTHERWISE NOTED.

KEYED NOTES

1. NEW 6" BITUMINOUS SURFACE COURSE SEE SHEET G-002 FOR TYPICAL SECTION
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4. NEW STORM INLET DOUBLE "C" AS PER COA DWG. 2205
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6. NEW QUADRUPLE (X4 GRATE) TYPE "C" STORM INLET. WITH TEMPORARY FLAT COVER. FOR DETAILS SEE SHEET C502.

RECORD DRAWING	
DATE: 03/18/09	DRAWN BY: JCB

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SCALE: 1"=50' HORIZ
1"=5' VERT

N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-0720
FAX: 505.243-0573
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY: DATE
FINAL INSPECTION BY: DATE
ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: DATE
DRAWINGS CORRECTED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JOHN M. BROWNE
NEW MEXICO
10997
REGISTERED PROFESSIONAL ENGINEER
I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE SIGNED AND SEALED ORIGINAL DRAWING SIGNED BY ME ON 06/22/07

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		CWG/RPA	DATE MARCH 07
DRAWN BY		CWG/RPA	DATE MARCH 07
CHECKED BY		JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

CUL-DE-SAC 1
PLAN AND PROFILE
STA 19+00 TO E.O.P.

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C105	

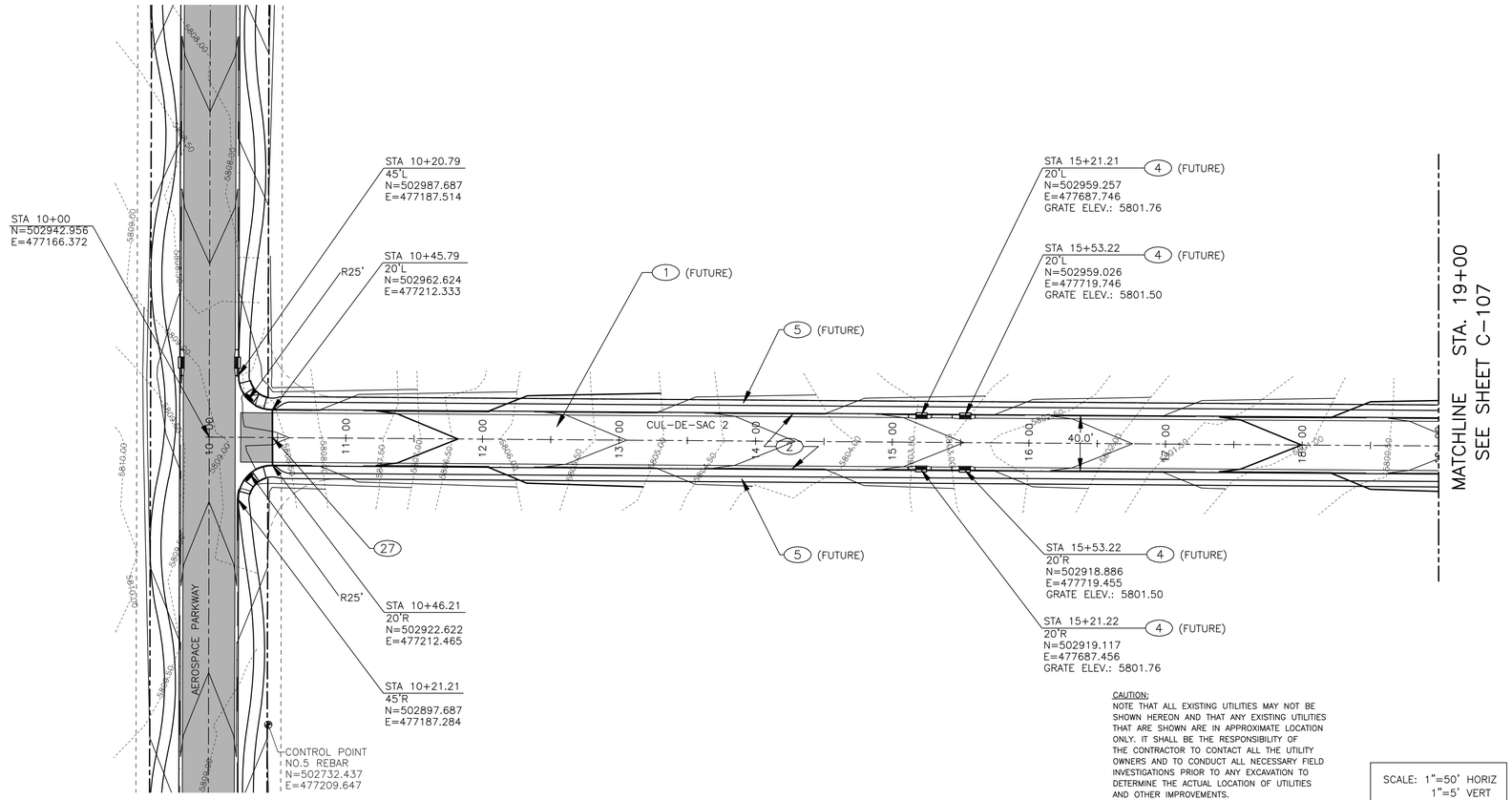
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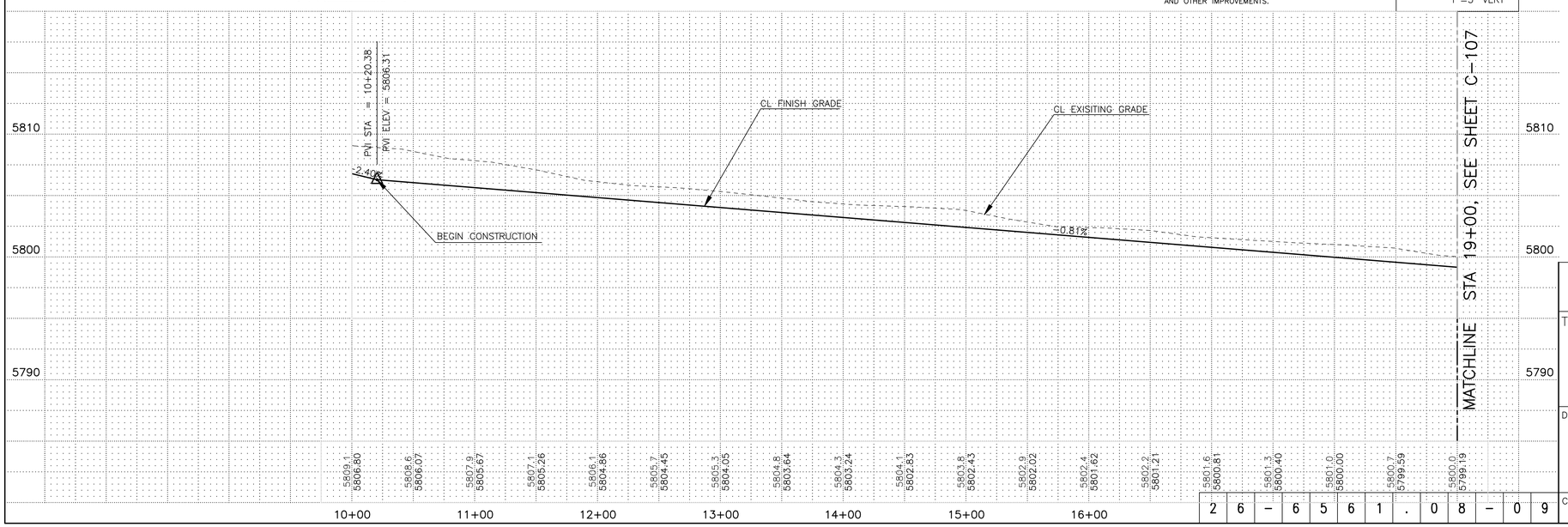
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REDRAWN FOR RECORD PURPOSES

CAB-105 3/19/09 1:1





LEGEND

- EXISTING TOPOGRAPHY CONTOUR
- 5744.0 NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

NOTE: ALL OFFSET DIMENSIONS AND LEADERS SHOWN AT FLOWLINE OF C&G UNLESS OTHERWISE NOTED.

KEYED NOTES

1. NEW 6" BITUMINOUS SURFACE COURSE SEE SHEET G-002 FOR TYPICAL SECTION
2. NEW STANDARD TYPE CURB AND GUTTER AS PER COA DWG. 2415A
4. NEW STORM INLET DOUBLE "C" AS PER COA DWG. 2205
5. NEW 4' SIDEWALK AS PER COA DWG. 2430. SEE TYPICAL SECTION SHEET G-002.
27. NEW TEMPORARY CUT-OFF WALL AS PER COA DWG. 2415B

CAUTION:
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RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

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N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.343-0700
FAX: 505.343-0873
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR DATE
WORK STARTED BY DATE
WORK COMPLETED DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
JOHN M. PROVINE NEW MEXICO 10987 REGISTERED PROFESSIONAL ENGINEER
I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY DRAWING SIGNED BY ME ON 06/22/22

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGNED BY CWG/RPA DATE MARCH 07	
		DRAWN BY CWG/RPA DATE MARCH 07	
		CHECKED BY JMP DATE MARCH 07	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

CUL-DE-SAC 2
PLAN AND PROFILE
STA 10+00 TO STA 19+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

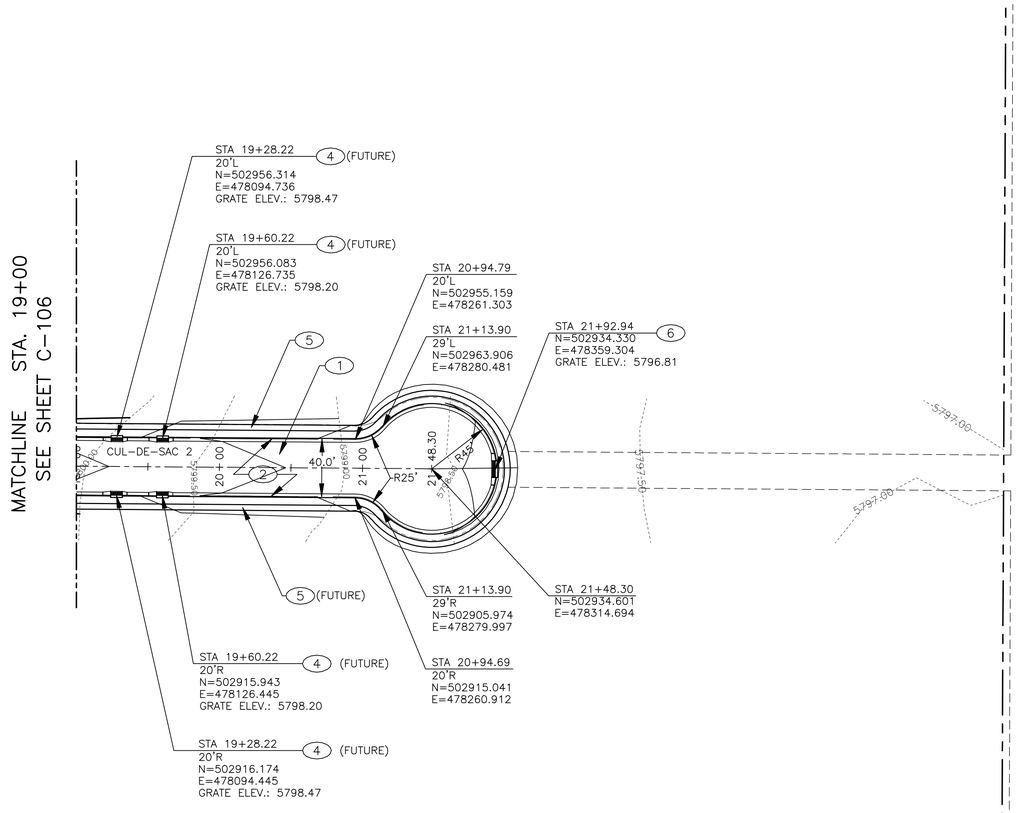
City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C106	

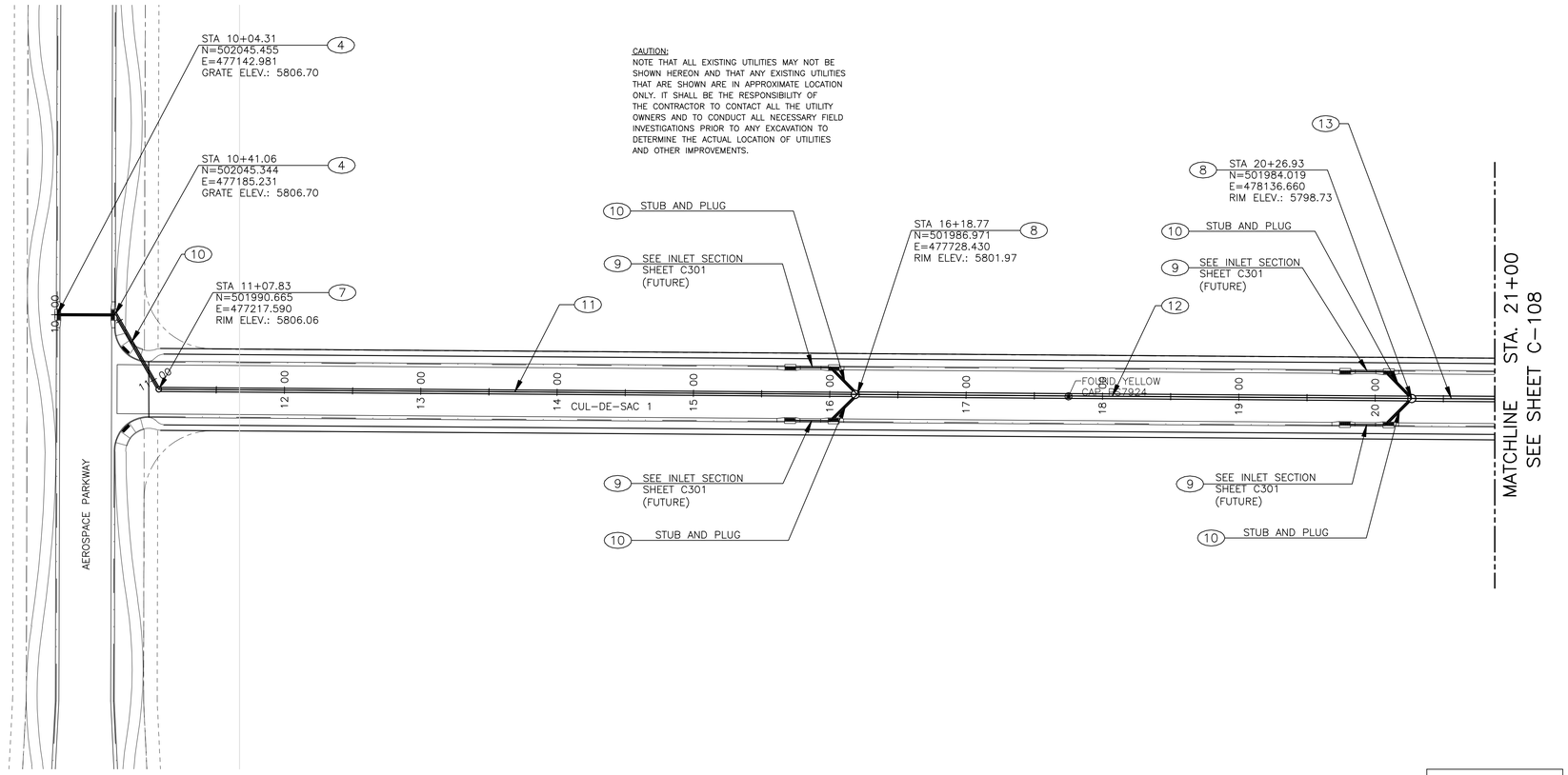
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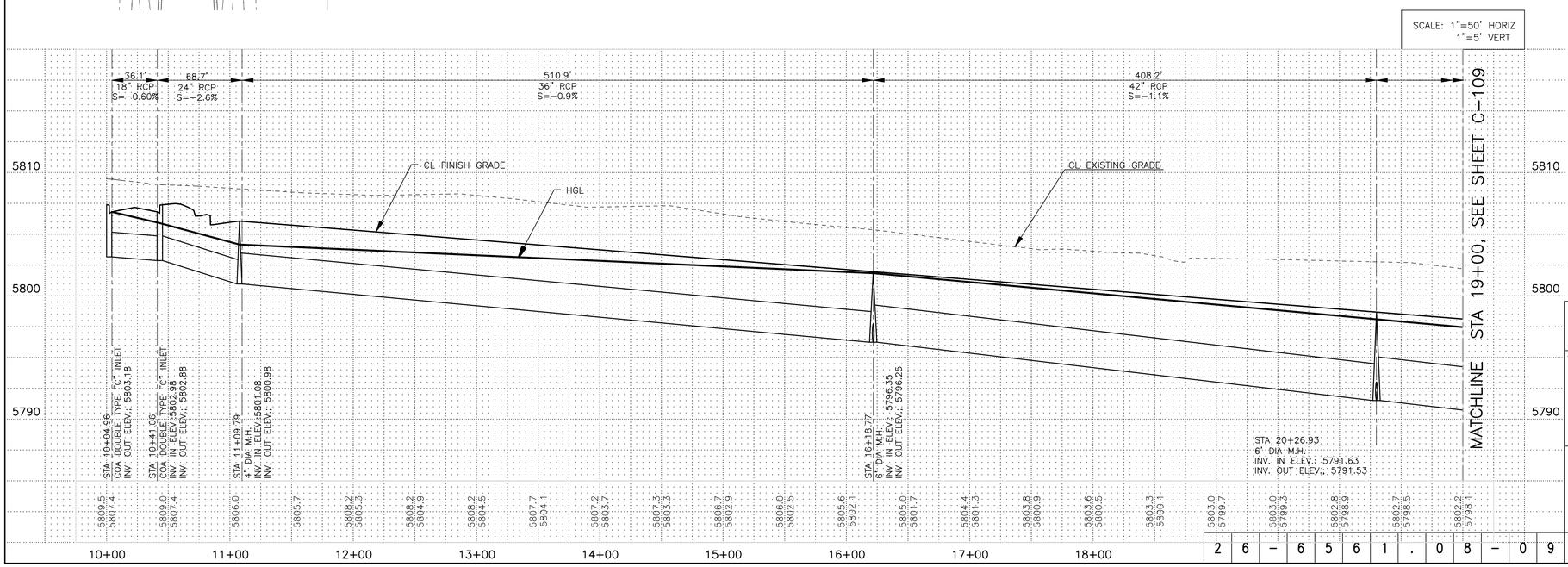
REDRAWN FOR RECORD PURPOSES

CAB-106 3/20/09 1:1

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MATCHLINE STA. 19+00
SEE SHEET C-106
STA 19+28.22
20'L
N=502956.314
E=478094.736
GRATE ELEV.: 5798.47
4 (FUTURE)
STA 19+60.22
20'L
N=502956.083
E=478126.735
GRATE ELEV.: 5798.20
4 (FUTURE)
STA 20+94.79
20'L
N=502955.159
E=478261.303
STA 21+13.90
29'L
N=502963.906
E=478280.481
STA 21+92.94
N=502934.330
E=478359.304
GRATE ELEV.: 5796.81
6
5
1
CUL-DE-SAC 2
20+00
40.0'
21+00
R25'
21+48.30
R45'
5797.00
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LEGEND

- EXISTING TOPOGRAPHY CONTOUR
- NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

4. NEW STORM INLET DOUBLE "C" AS PER COA DWG. 2205
7. NEW 4' DIA. MANHOLE TYPE "E". AS PER COA DWG 2101.
8. NEW 6' DIA. MANHOLE TYPE "E". AS PER COA DWG 2101.
9. NEW 18" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).
10. NEW 24" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).
11. NEW 36" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).
12. NEW 42" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).
13. NEW 48" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).

RECORD DRAWING

DATE: 03/18/0 | DRAWN BY: JCB

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS ON INFORMATION COMPILED AND FURNISHED BY OTHERS. MOLZEN-CORBIN AND ASSOCIATES WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.

N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.343-0700
FAX: 505.343-0973
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY: DATE
STARTING TIES DATE
ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: DATE
DRAWINGS CORRECTED BY: DATE

MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. PROVINE 10997 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO DRAWING SIGNED BY ME ON 06/21/22

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY	CWG/RPA	DATE	MARCH 07
DRAWN BY	CWG/RPA	DATE	MARCH 07
CHECKED BY	JMP	DATE	MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

CUL-DE-SAC 1 STORM DRAIN
PLAN AND PROFILE
STA 10+00 TO STA 21+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C108	

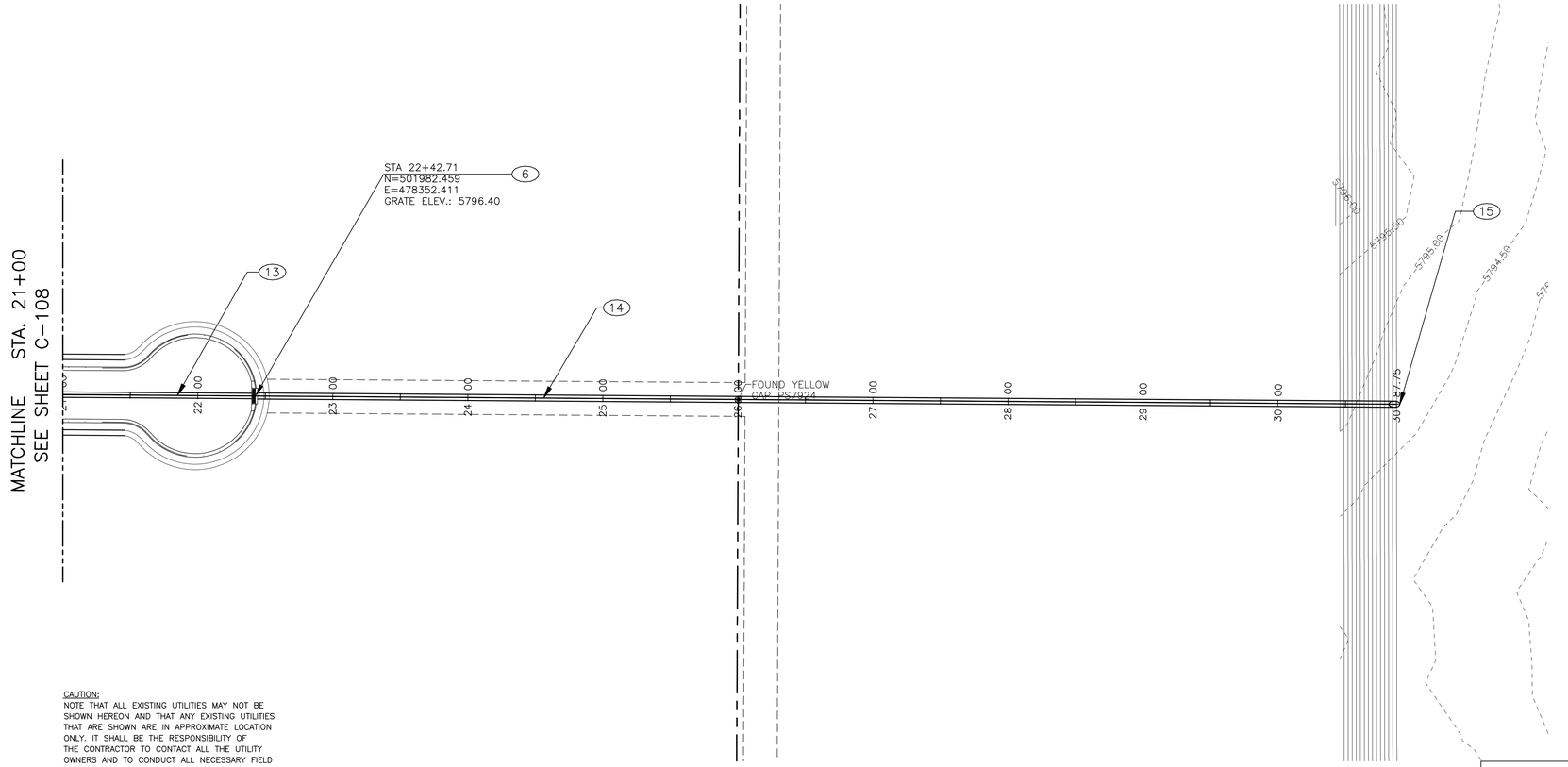
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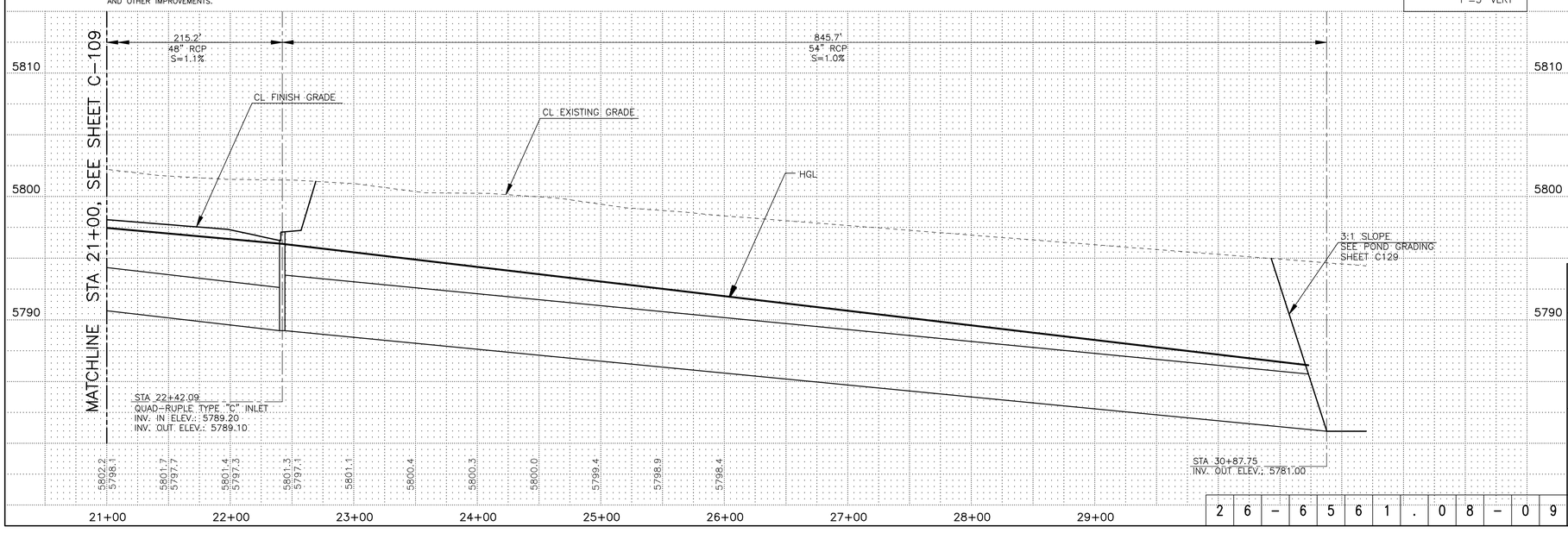
CAB-108 3/19/09 1:1

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REDRAWN FOR RECORD PURPOSES





SCALE: 1"=50' HORIZ
1"=5' VERT

LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(6) NEW QUADRUPLE (X4 GRATE) TYPE "C" STORM INLET. WITH TEMPORARY FLAT COVER. FOR DETAILS SEE SHEET C502.

(13) NEW 48" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).

(14) NEW 54" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).

(15) NEW RIP-RAP TO BE PLACED AT OUTLET OF STORM DRAIN. AS PER COA DWG. 2270. FOR DETAILS SEE SHEET C501

RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

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9

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ALBUQUERQUE, NM 87106
TEL: 505.343-0701
FAX: 505.343-0973
MOLZEN-CORBIN & Associates
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AS BUILT INFORMATION
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CONSTRUCTION IS ACCEPTANCE BY: DATE
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DRAWINGS CORRECTED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JOHN M. PROVINE 10897 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO DRAWING SIGNED BY ME ON 06/21/22

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		CWG/RPA	DATE MARCH 07
DRAWN BY		CWG/RPA	DATE MARCH 07
CHECKED BY		JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

CULDESAC 1 STORM DRAIN
PLAN AND PROFILE
STA 21+00 TO E.O.P.

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C109	

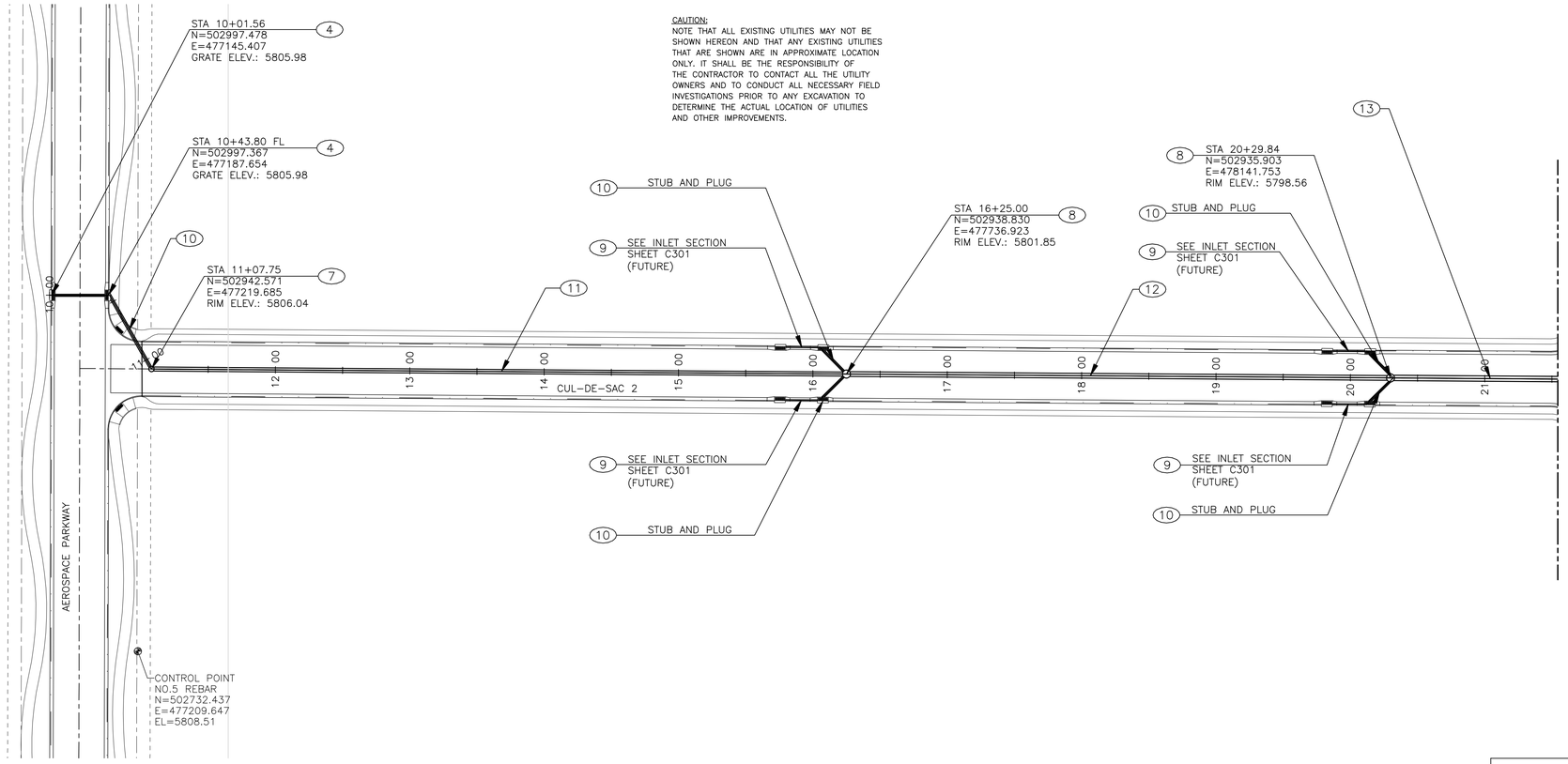
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REDRAWN FOR RECORD PURPOSES

CAB-109 3/19/09 1:1



LEGEND

- EXISTING TOPOGRAPHY CONTOUR (5744.00)
- NEW TOPOGRAPHY CONTOUR (5744.0)
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(4) NEW STORM INLET DOUBLE "C" AS PER COA DWG. 2205

(7) NEW 4' DIA. MANHOLE TYPE "E". AS PER COA DWG 2101.

(8) NEW 6' DIA. MANHOLE TYPE "E". AS PER COA DWG 2101.

(9) NEW 18" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).

(10) NEW 24" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).

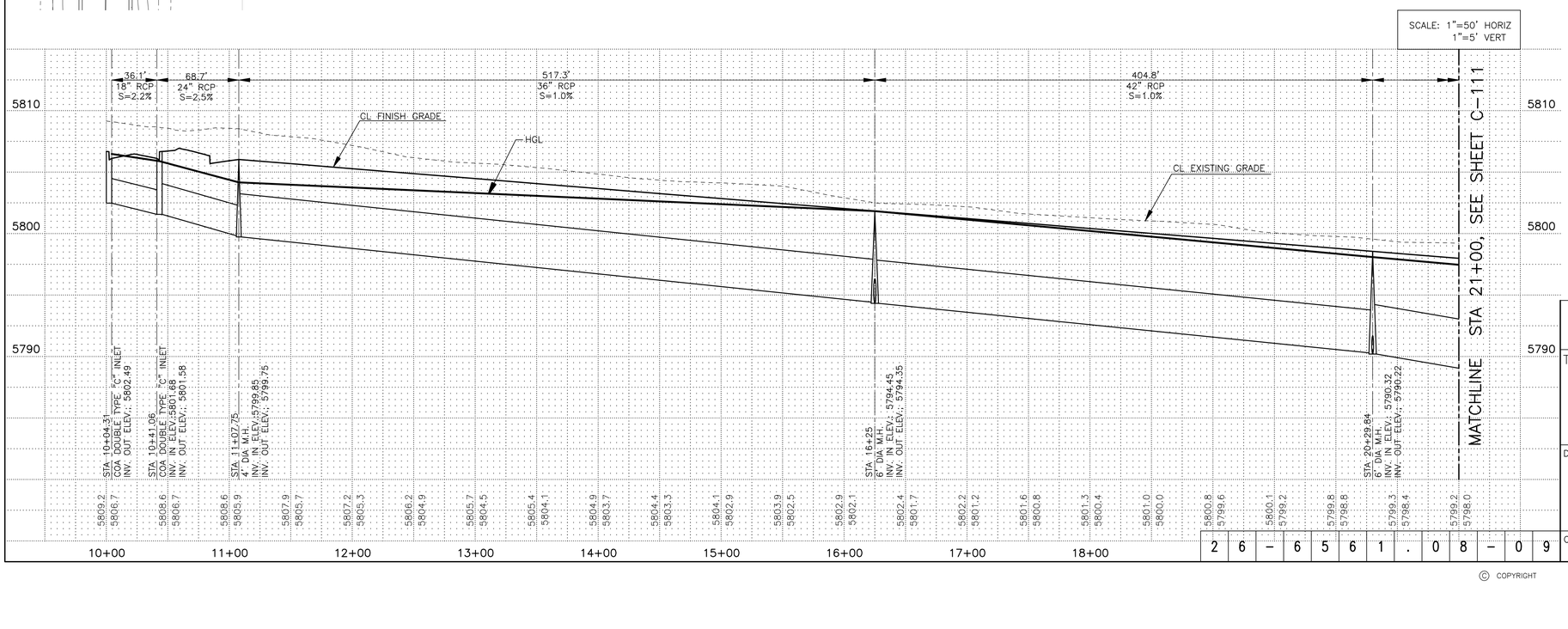
(11) NEW 36" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).

(12) NEW 42" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).

(13) NEW 48" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).

9

RECORD DRAWING
DATE: 03/18/0 | DRAWN BY: JCB
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS ON INFORMATION COMPILED AND FURNISHED BY OTHERS. MOLZEN-CORBIN AND ASSOCIATES WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.



CAB-110 3/19/09 1:1

N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-0700
FAX: 505.243-0972
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY — DATE
FINAL INSPECTIONS — DATE
ACCEPTANCE BY — DATE
AS-BUILT VERIFICATION BY — DATE
DRAWINGS COMPILED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. PROVINE 10897 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY OF THE ORIGINAL DRAWING SIGNED BY ME ON 06/22/22

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY	CWG/RPA	DATE MARCH 07	
DRAWN BY	CWG/RPA	DATE MARCH 07	
CHECKED BY	JMP	DATE MARCH 07	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

CUL-DE-SAC 2 STORM DRAIN
PLAN AND PROFILE
STA 10+00 TO STA 21+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

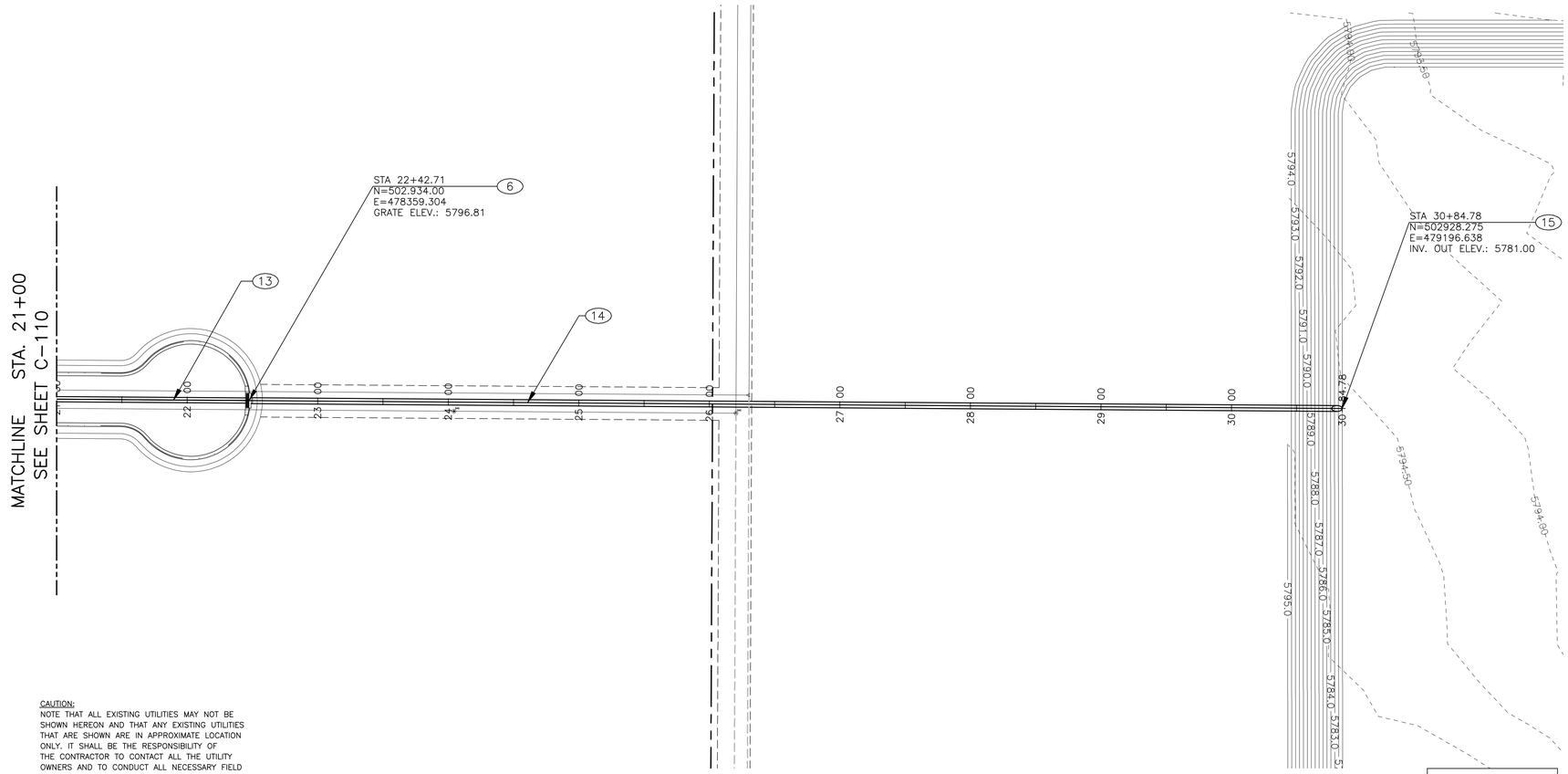
City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C110	

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CAUTION:
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LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(6) NEW QUADRUPLE (X4 GRATE) TYPE "C" STORM INLET. WITH TEMPORARY FLAT COVER. FOR DETAILS SEE SHEET C502.

(13) NEW 48" DIA. REINFORCED CONCRETE PIPE CLASS II (RCP III).

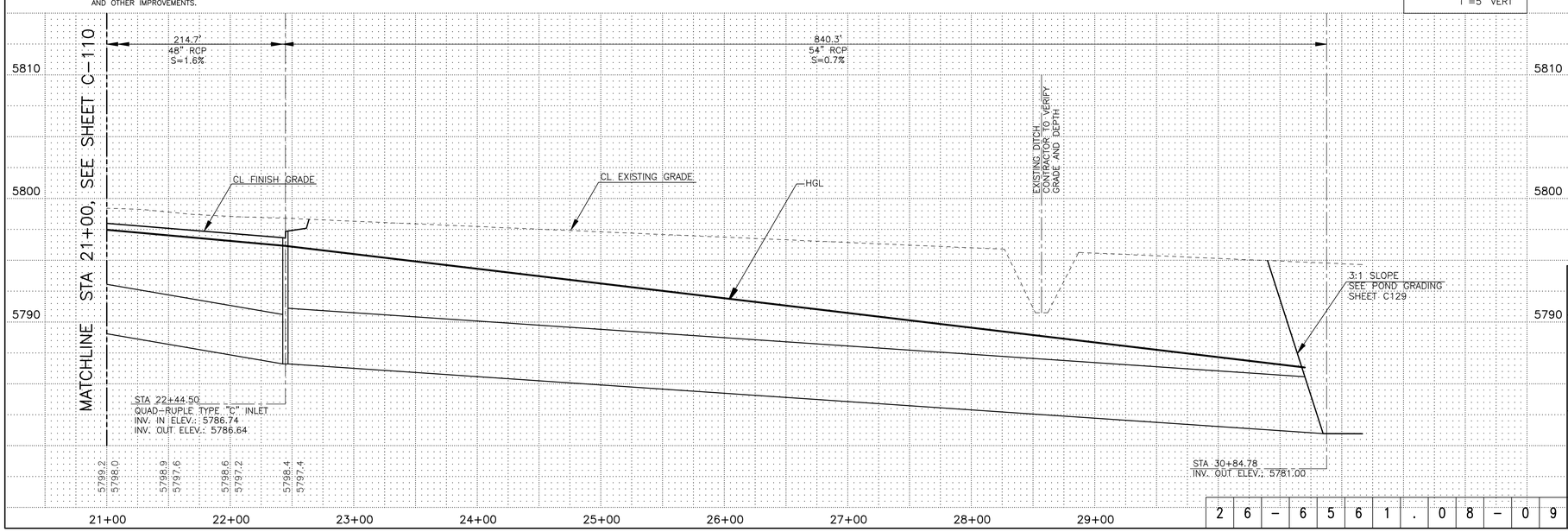
(14) NEW 54" DIA. REINFORCED CONCRETE PIPE CLASS III (RCP III).

(15) NEW RIP-RAP TO BE PLACED AT OUTLET OF STORM DRAIN. AS PER COA DWG. 2270. FOR DETAILS SEE SHEET C501

RECORD DRAWING	
DATE: 03/18/0	DRAWN BY: JCB

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SCALE: 1"=50' HORIZ
1"=5' VERT



N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.343-0701
FAX: 505.343-0972
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
STAKING OF UTILITIES — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION

NO.	BY	DATE
FIELD NOTES		

ENGINEER'S SEAL

JOHN M. PROVINE 10997 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY SIGNED AND SEALED. DRAWING SIGNED BY ME ON 05/22/2022

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY	CWG/RPA	DATE MARCH 07
DRAWN BY	CWG/RPA	DATE MARCH 07
CHECKED BY	JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

CULDESAC 2 STORM DRAIN
PLAN AND PROFILE
STA 21+00 TO E.O.P.

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

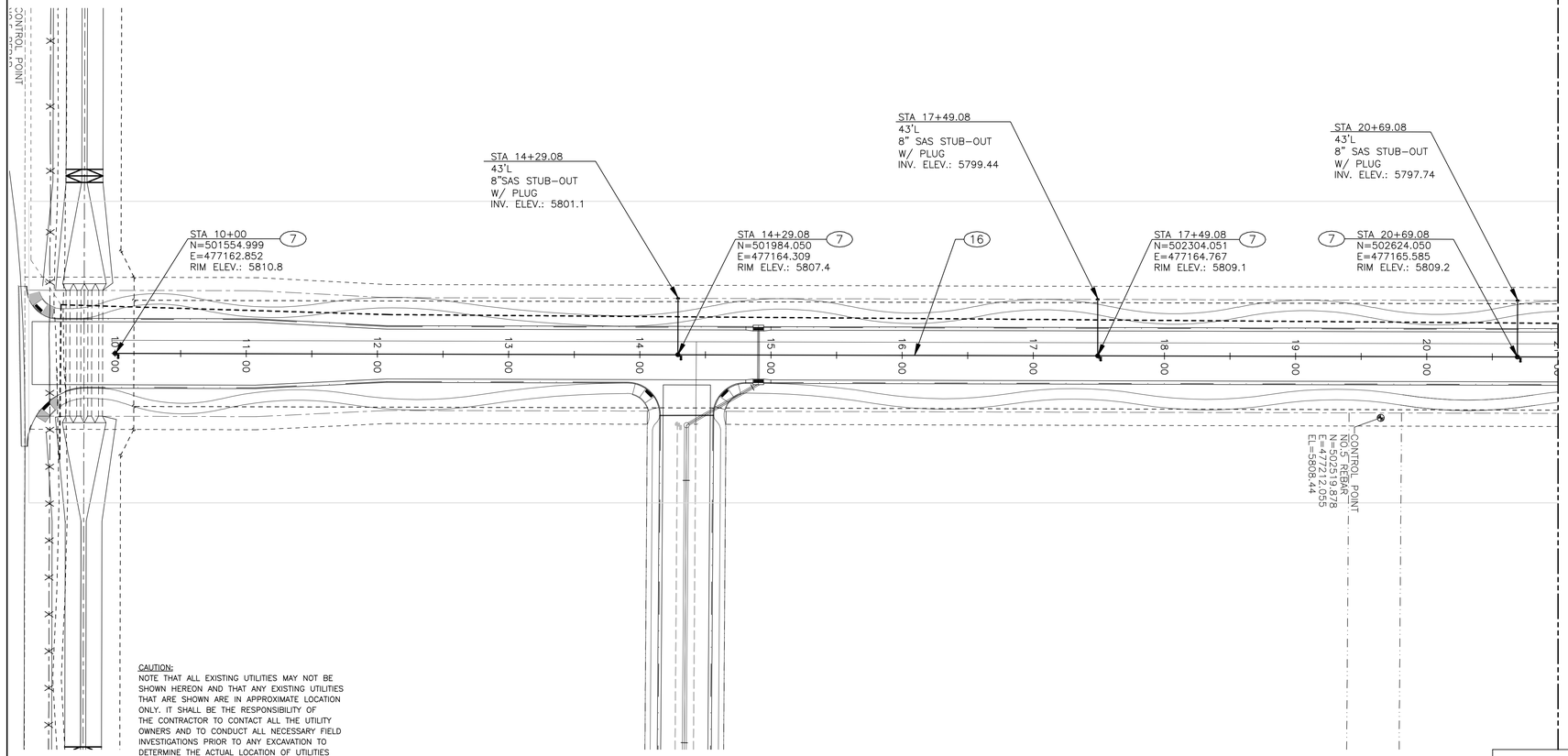
City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C111	

26-6561.08-09

CAB-111 3/19/09 1:1

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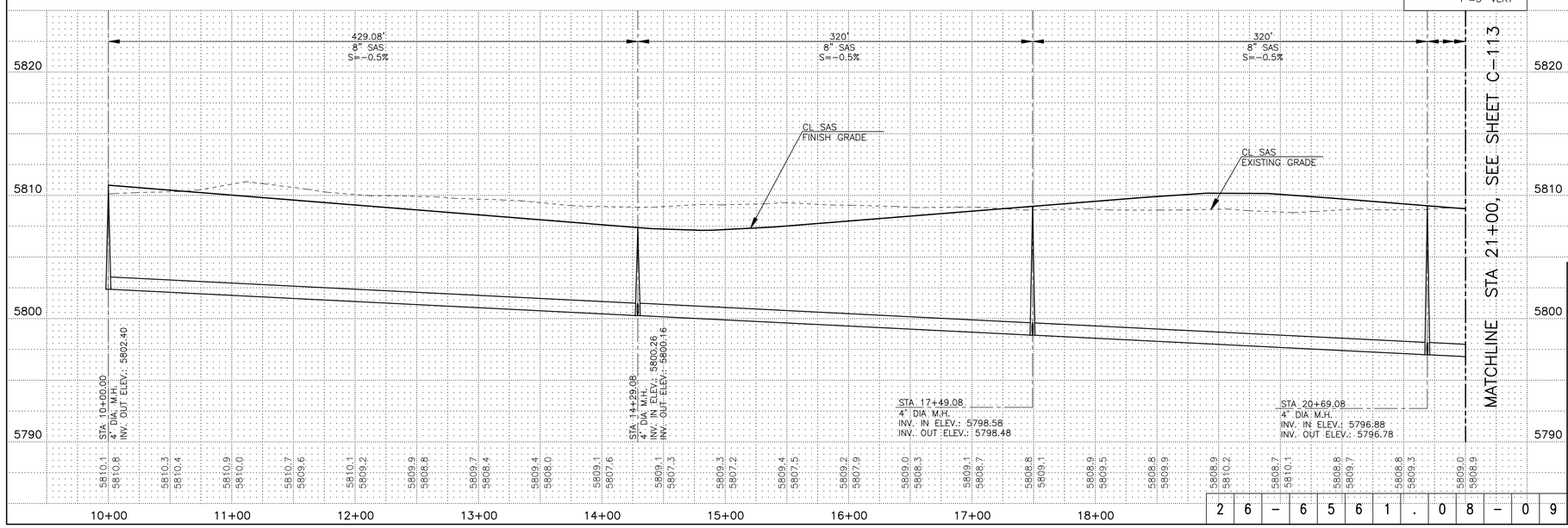
LEGEND

- EXISTING TOPOGRAPHY CONTOUR
- NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(7) NEW 4' DIA. MANHOLE TYPE "E". AS PER COA DWG 2101.

(16) NEW 8" SAS LINE



RECORD DRAWING	
DATE: 03/18/09	DRAWN BY: JCB

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N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-0700
FAX: 505.243-0873

MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR WORK STARTED BY: DATE
CONSTRUCTION IS ACCEPTANCE BY: DATE
AS-BUILT VERIFICATION BY: DATE
DRAWINGS COMPILED BY: DATE

MICRO-FILM INFORMATION

RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. BRIGGS
NEW MEXICO
10997
REGISTERED PROFESSIONAL ENGINEER

I, JOHN M. BRIGGS, NM, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY SEALED AND DATED DRAWING SIGNED BY ME ON 06/21/2022

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY CWG/RPA DATE MARCH 07
DRAWN BY CWG/RPA DATE MARCH 07
CHECKED BY JMP DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

AEROSPACE PKWY SAS
PLAN AND PROFILE
STA 10+00 TO STA 21+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C112	

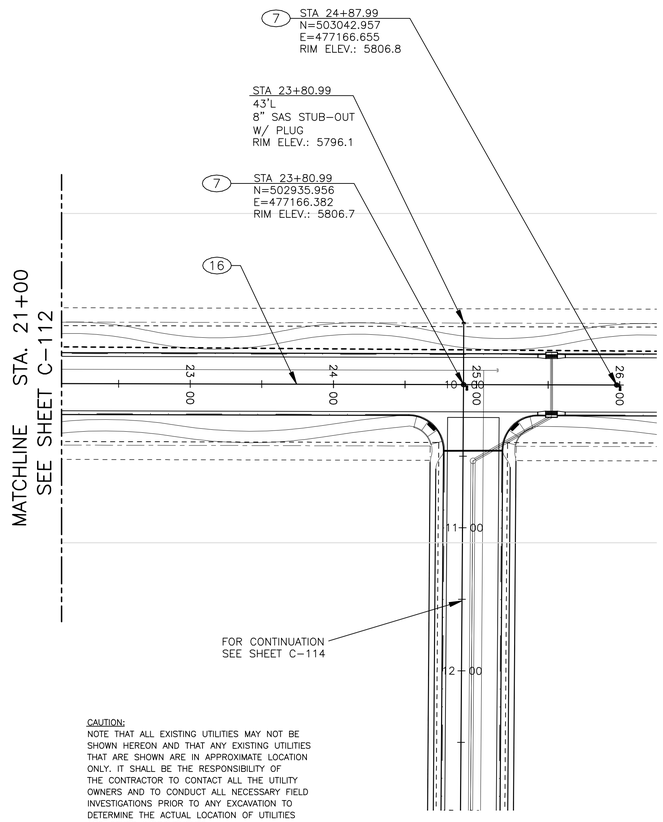
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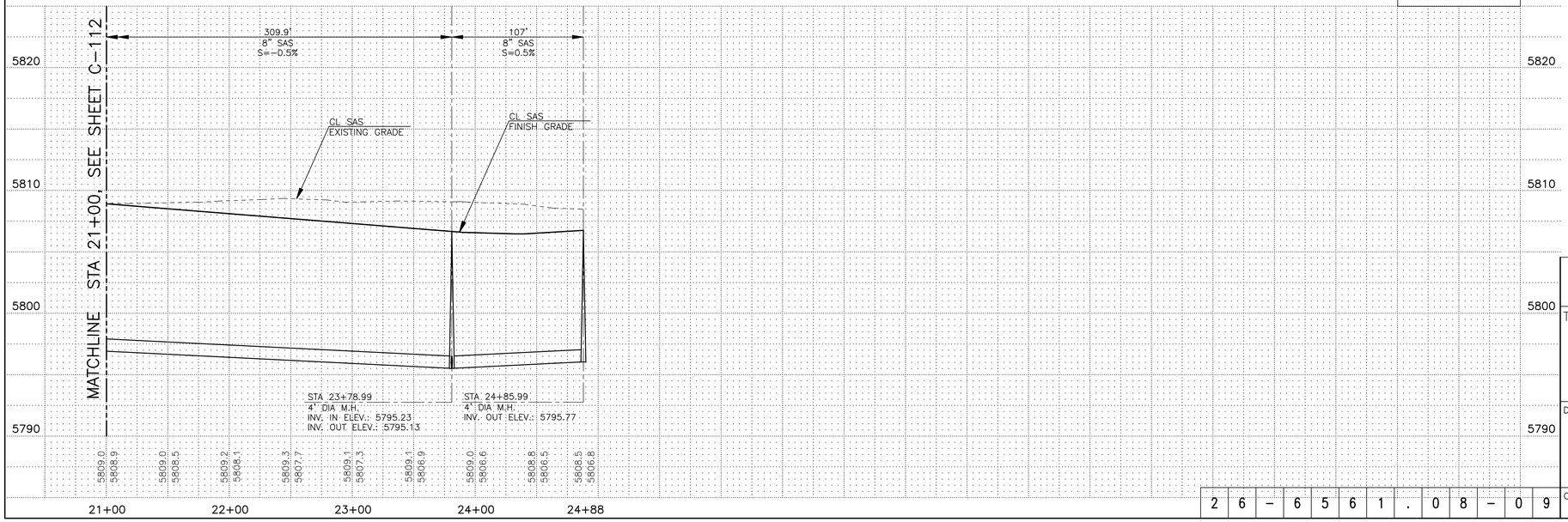
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CAB-112 3/19/09 1:1



CAUTION:
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SCALE: 1"=50' HORIZ
1"=5' VERT

LEGEND

- EXISTING TOPOGRAPHY CONTOUR (5744.00)
- NEW TOPOGRAPHY CONTOUR (5744.0)
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(7) NEW 4' DIA. MANHOLE TYPE "E". AS PER COA DWG 2101.

(16) NEW 8" SAS LINE

9

RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

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N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-0700
FAX: 505.243-0873
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY DATE
CONSTRUCTION IS ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CONVERTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL



I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY DRAWING SIGNED BY ME ON 06/22/07

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE MARCH 07
DESIGNED BY		CWG/RPA	DATE MARCH 07
DRAWN BY		CWG/RPA	DATE MARCH 07
CHECKED BY		JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

AEROSPACE PKWY SAS
PLAN AND PROFILE
STA 21+00 TO STA 24+88

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C113	

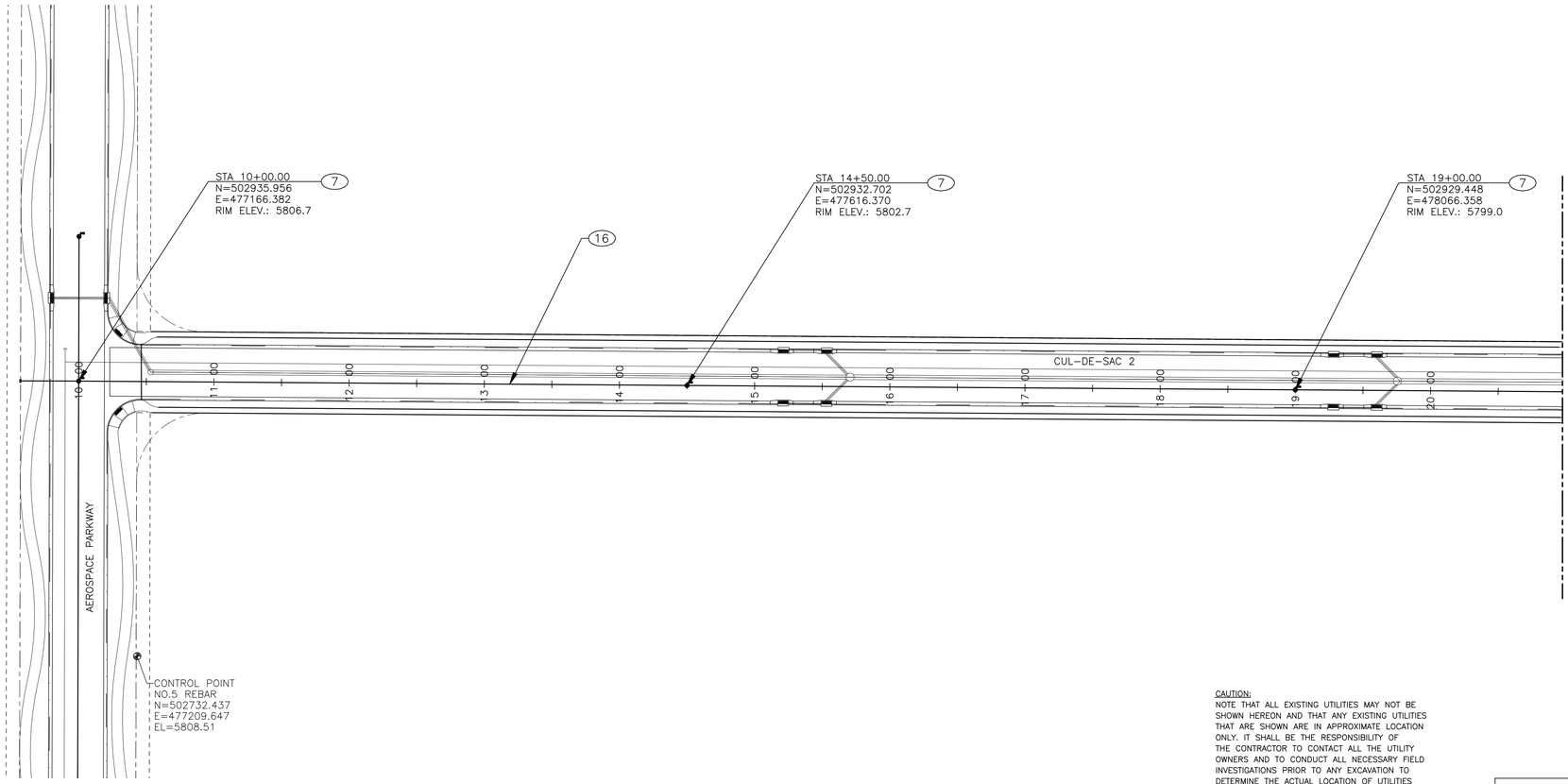
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CAB-113 3/19/09 1:1



LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(7) NEW 4' DIA. MANHOLE TYPE "E". AS PER COA DWG 2101.

(16) NEW 8" SAS LINE

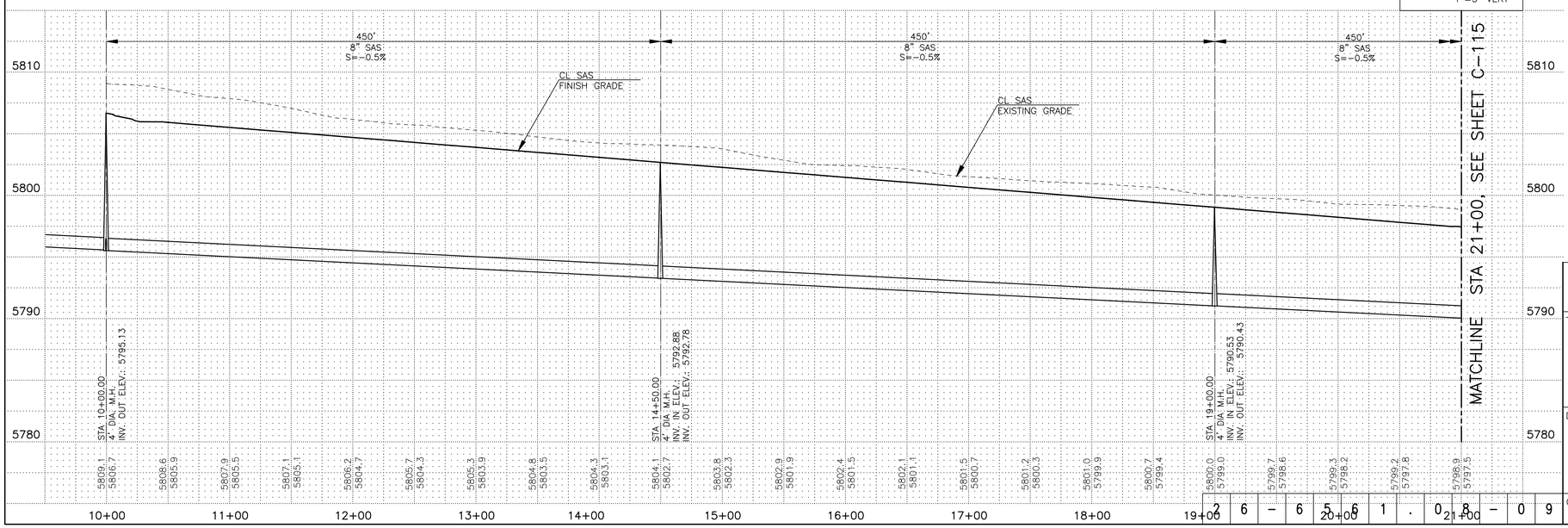
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RECORD DRAWING	
DATE: 03/18/0	DRAWN BY: JCB

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9

SCALE: 1"=50' HORIZ
1"=5' VERT



N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.343-0703
FAX: 505.343-0873
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTIONS — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. BROWNE
NEW MEXICO
10997
PROFESSIONAL ENGINEER

I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY OF THE ORIGINAL DRAWING SIGNED BY ME ON 06/21/22

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY	CWG/RPA	DATE MARCH 07
DRAWN BY	CWG/RPA	DATE MARCH 07
CHECKED BY	JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

CUL-DE-SAC 2 SAS
PLAN AND PROFILE
STA 10+00 TO STA 21+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C114	

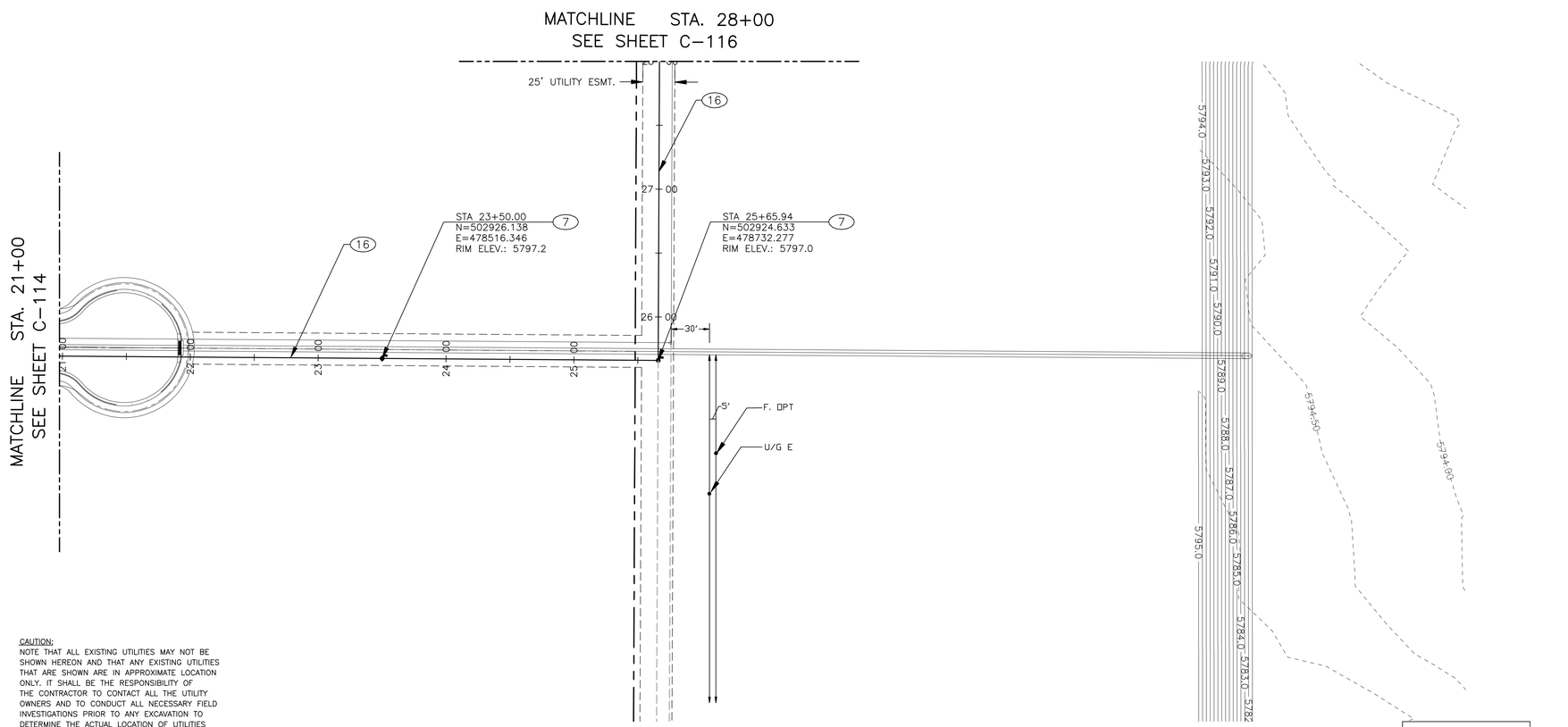
26-651.08-09

REDRAWN FOR RECORD PURPOSES

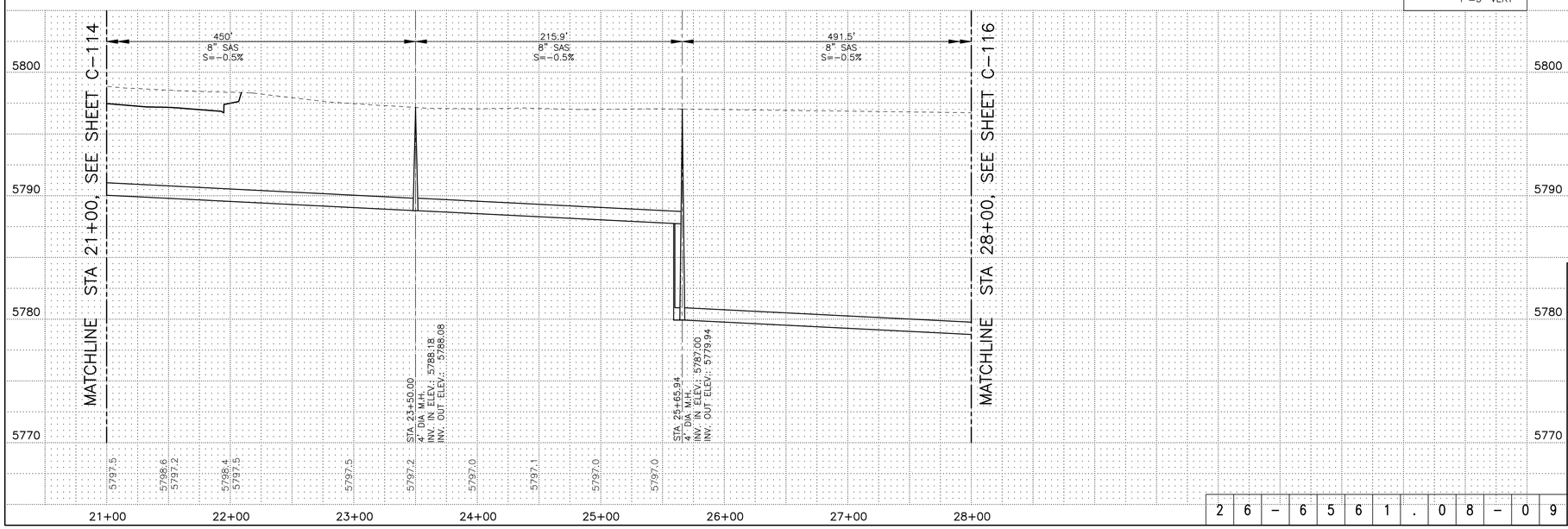
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CAB-114 3/19/09 1:1



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LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(7) NEW 4' DIA. MANHOLE TYPE "E". AS PER COA DWG 2101.

(16) NEW 8" SAS LINE

9

RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS ON INFORMATION COMPILED AND FURNISHED BY OTHERS. MOLZEN-CORBIN AND ASSOCIATES WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.

N

0 10' 20' 50' 100'

SCALE: 1"=50' HORIZ
1"=5' VERT

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.343-0703
FAX: 505.343-0973
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STARTED BY — DATE
INSPECTION BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. PROVINE 10897 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY SEALED, SIGNED AND DATED DRAWING SIGNED BY ME ON 06/21/2021

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE MARCH 07
DESIGNED BY		CWG/RPA	DATE MARCH 07
DRAWN BY		CWG/RPA	DATE MARCH 07
CHECKED BY		JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

CUL-DE-SAC 2/ UTILITY ESMT. SAS
PLAN AND PROFILE
STA 21+00 TO STA 28+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C115	

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CAB-115 3/19/09 1:1

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REDRAWN FOR RECORD PURPOSES

AEROSPACE
TECHNOLOGY PARK
CITY OF ALBUQUERQUE
AVIATION DEPARTMENT
(TRACT "S-1")

RANCH JOINT
VENTURE
(TRACT D-2)

CITY OF ALBUQUERQUE
AVIATION DEPARTMENT
(TRACT "S-2")

CITY OF ALBUQUERQUE
AVIATION DEPARTMENT
(TRACT "E")

SAS

7 STA 25+65.94
N=503416.099
E=478734.478
RIM ELEV.: 5796.4
CONTRACTOR TO VERIFY

16

STA 34+37.73
28'L
8" STUB OUT
W/ PLUG
INV. ELEV.: 5778.9

7 STA 34+37.73
N=503796.418
E=478736.181
RIM ELEV.: 5797.0

STA 38+18.06
28'L
8" SAS STUB OUT
W/ PLUG
INV. ELEV.: 5780.1

25' UTILITY ESMT.

30'

5'

U/G E

F. OPT

7 STA 25+65.94
N=504176.741
E=478737.884
RIM ELEV.: 5797.8

MATCHLINE STA. 21+00
SEE SHEET C-115

MATCHLINE STA. 39+00
SEE SHEET C-117

28+00 29+00 30+00 31+00 32+00 33+00 34+00 35+00 36+00 37+00 38+00

LEGEND

- 5744.00 EXISTING TOPOGRAPHY CONTOUR
- 5744.0 NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(7) NEW 4' DIA. MANHOLE TYPE "E". AS PER COA DWG 2101.

(16) NEW 8" SAS LINE

CAUTION:
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SCALE: 1"=50' HORIZ
1"=5' VERT

5800
5790
5780
5770

380'
8" SAS
S=0.3%

380.3'
8" SAS
S=0.3%

MATCHLINE STA 21+00, SEE SHEET C-114

MATCHLINE STA 28+00, SEE SHEET C-116

EXISITNG 12" SAS
CONTRACTOR TO
VERIFY LOCATION

STA 30+57.71
4' DIA M.H.
TIE IN TO EXISTING 12" SAS LINE
INV. IN ELEV.: 5777.48 (CONTRACTOR TO VERFIY)
INV. OUT ELEV.: 5777.38 (CONTRACTOR TO VERIFY)

STA 34+37.73
4' DIA M.H.
INV. IN ELEV.: 5778.72
INV. OUT ELEV.: 5778.62

STA 38+18.06
4' DIA M.H.
INV. IN ELEV.: 5779.96
INV. OUT ELEV.: 5779.86

28+00 29+00 30+00 31+00 32+00 33+00 34+00 35+00 36+00

RECORD DRAWING	
DATE: 03/18/0	DRAWN BY: JCB

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS ON INFORMATION COMPILED AND FURNISHED BY OTHERS. MOLZEN-CORBIN AND ASSOCIATES WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.

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2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.342-5700
FAX: 505.342-5973

MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

COA ESMT. SAS
PLAN AND PROFILE
STA 28+00 TO STA 39+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C116	

2 6 - 6 5 6 1 . 0 8 - 0 9

AS BUILT INFORMATION
CONTRACTOR DATE
WORK STARTED BY DATE
STAKING OKD BY DATE
ACCEPTANCE BY DATE
INSPECTED BY DATE
VERIFICATION BY DATE
DRAWINGS CHECKED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
JOHN M. BROWNE
NEW MEXICO
10897
PROFESSIONAL ENGINEER
I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY DRAWING SIGNED BY ME ON 06/22/07

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		CWG/RPA	DATE MARCH 07
DRAWN BY		CWG/RPA	DATE MARCH 07
CHECKED BY		JMP	DATE MARCH 07

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REDRAWN FOR RECORD PURPOSES

CAB-116 3/19/09 1:1

RANCH JOINT VENTURE (TRACT D-2)

ECLIPSE DEVELOPMENT (TRACT D-1)

MATCHLINE STA. 39+00 SEE SHEET C-116

CONTROL POINT NO.5 REBAR N=504587.778 E=478721.608 EL=5798.67

STA 34+37.73 (7) N=504626.736 E=478739.900 RIM ELEV.: 5798.7

(16)

CONTROL POINT NO.5 REBAR N=504827.380 E=478726.080 EL=5798.94

EXISTING 8" SAS

STA 34+37.73 (7) N=505076.445 E=478741.914 RIM ELEV.: 5798.8 W/ DROP CONNECTION CONTRACTOR TO VERIFY

30'

5'

U/G E

F. OPT

CITY OF ALBUQUERQUE AVIATION DEPARTMENT (TRACT "E")

CITY OF ALBUQUERQUE AVIATION DEPARTMENT (TRACT "C")

LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

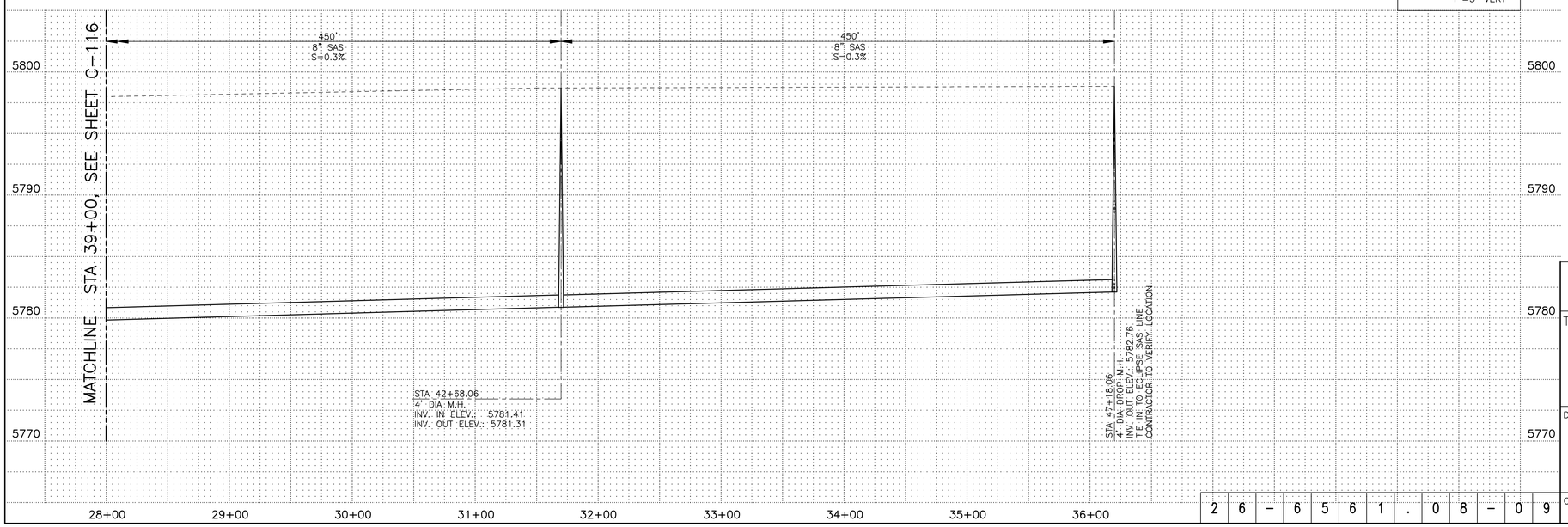
KEYED NOTES

(7) NEW 4' DIA. MANHOLE TYPE "E". AS PER COA DWG 2101.

(16) NEW 8" SAS LINE

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN HEREON AND THAT ANY EXISTING UTILITIES THAT ARE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

SCALE: 1"=50' HORIZ
1"=5' VERT



RECORD DRAWING

DATE: 03/18/09	DRAWN BY: JCB

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2701 MILES RD SE
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FAX: 505.243-0873

MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
CONSTRUCTION IS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS

RECORDED BY — DATE

MICRO-FILM INFORMATION

NO.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. BRIGGINS 10997 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

I, JOHN M. BRIGGINS, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY SIGNED AND STAMPED DRAWING SIGNED BY ME ON 06/21/22

NO.	DATE	REMARKS	BY
		DESIGN	
DESIGNED BY	CWG/RPA	DATE	MARCH 07
DRAWN BY	CWG/RPA	DATE	MARCH 07
CHECKED BY	JMP	DATE	MARCH 07

REVISIONS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

COA ESMT. SAS
PLAN AND PROFILE
STA 39+00 TO STA 50+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C117	

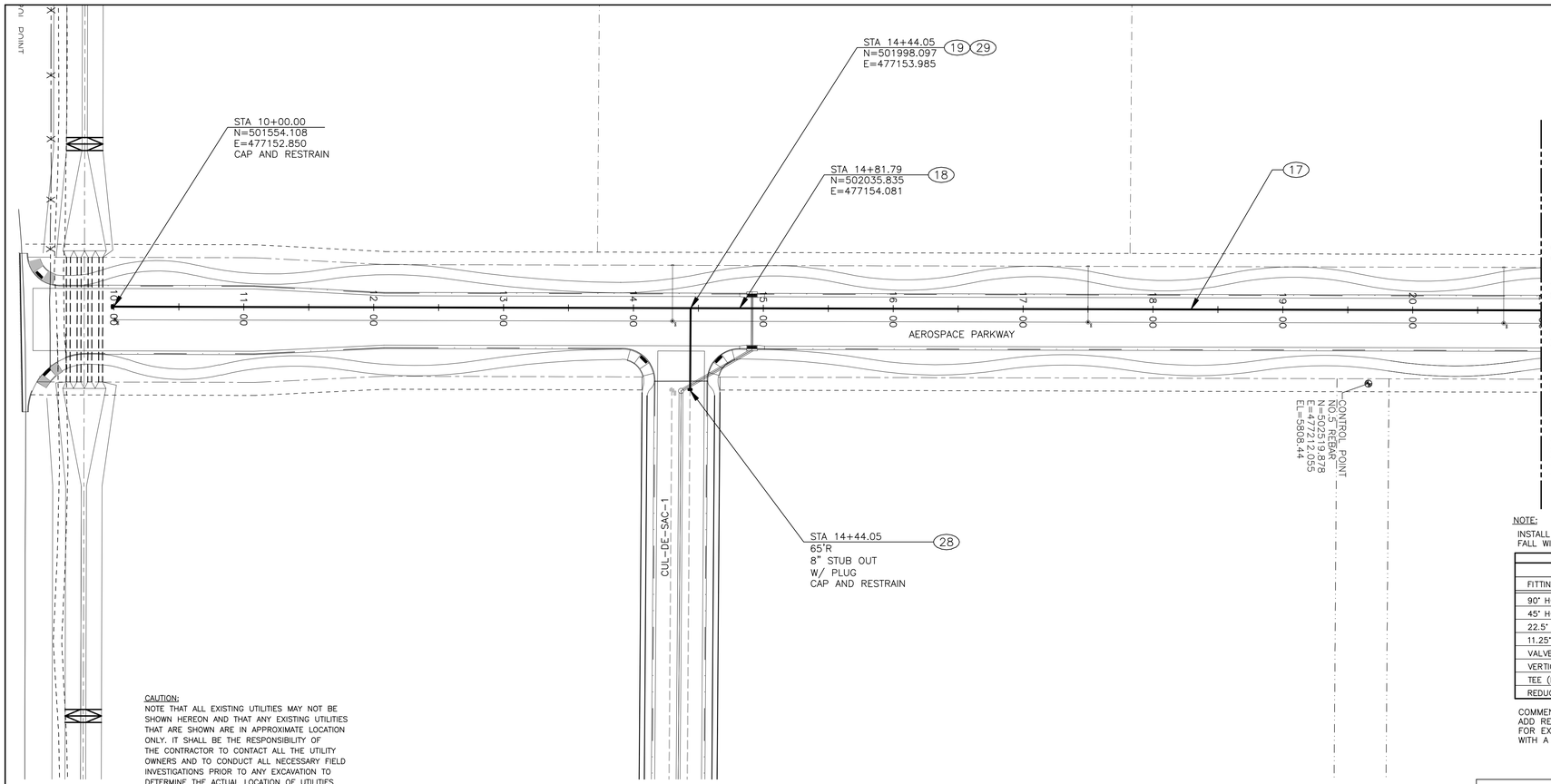
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REDRAWN FOR RECORD PURPOSES

CAB-117 3/19/09 1:1



CAUTION:
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LEGEND

- EXISTING TOPOGRAPHY CONTOUR (5744.00)
- NEW TOPOGRAPHY CONTOUR (5744.0)
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(17) NEW 12" WATERLINE PLACED AS PER COA DWG. 2315.

(18) NEW 12" GATE VALVE WITH VALVE BOX AS PER COA DWG. 2326.

(19) NEW 12X12 TEE FITTING. SEE RESTRAINTMENT TABLE BELOW.

(28) NEW 8" GATE VALVE WITH VALVE BOX AS PER COA DWG. 2326.

(29) NEW 12X8 REDUCER FITTING. SEE RESTRAINTMENT TABLE BELOW.

NOTE:
INSTALL MECHANICAL JOINT RESTRAINTS AT ALL BENDS AND JOINTS WHICH FALL WITHIN THE FOLLOWING LENGTHS OF EACH SIDE TO FITTINGS AS FOLLOWS:

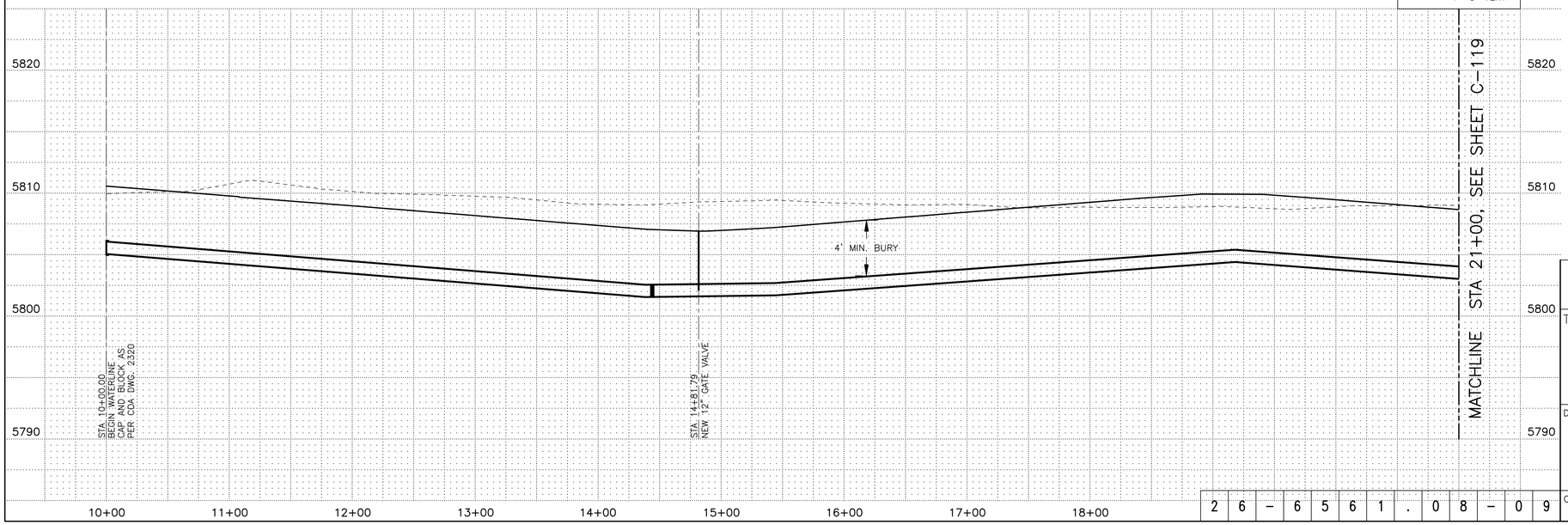
	WATERLINE (PVC)		WATERLINE (DI)	
FITTING TYPE	12-INCH	24-INCH	12-INCH	24-INCH
90° HORIZONTAL BEND	46	83	37	67
45° HORIZONTAL BEND	19	34	15	28
22.5° HORIZONTAL BEND	9	16	7	13
11.25° HORIZONTAL BEND	5	8	4	7
VALVE OR DEAD END	104	192	91	123
VERTICAL OFFSET (HIGH SIDE/LOW SIDE)	NA	NA	NA	NA
TEE (RESTRAIN ALL SIDES OF TEE FITTING)	21	21	21	21
REDUCER 8"x12"	NA	NA	NA	NA

COMMENT:
ADD RESTRAINED LENGTHS FOR ALL HORIZONTAL BEND FITTING COMBINATIONS. FOR EXAMPLE, THE RESTRAINED LENGTH FOR A 8-INCH, 45°-BEND IN COMBO WITH A 11.25°- BEND ON PVC PIPE SHOULD BE 14 FEET.

9

PIPE RESTRAINT REQUIREMENTS FOR 12" & 24" PIPES

SCALE: 1"=50' HORIZ
1"=5' VERT



RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

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2701 MILES RD SE
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MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

AEROSPACE PKWY WATERLINE PLAN AND PROFILE STA 10+00 TO STA 21+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C118	

26-6561.08-09

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AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY DATE
CONSTRUCTION ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
RECORDED BY DATE

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

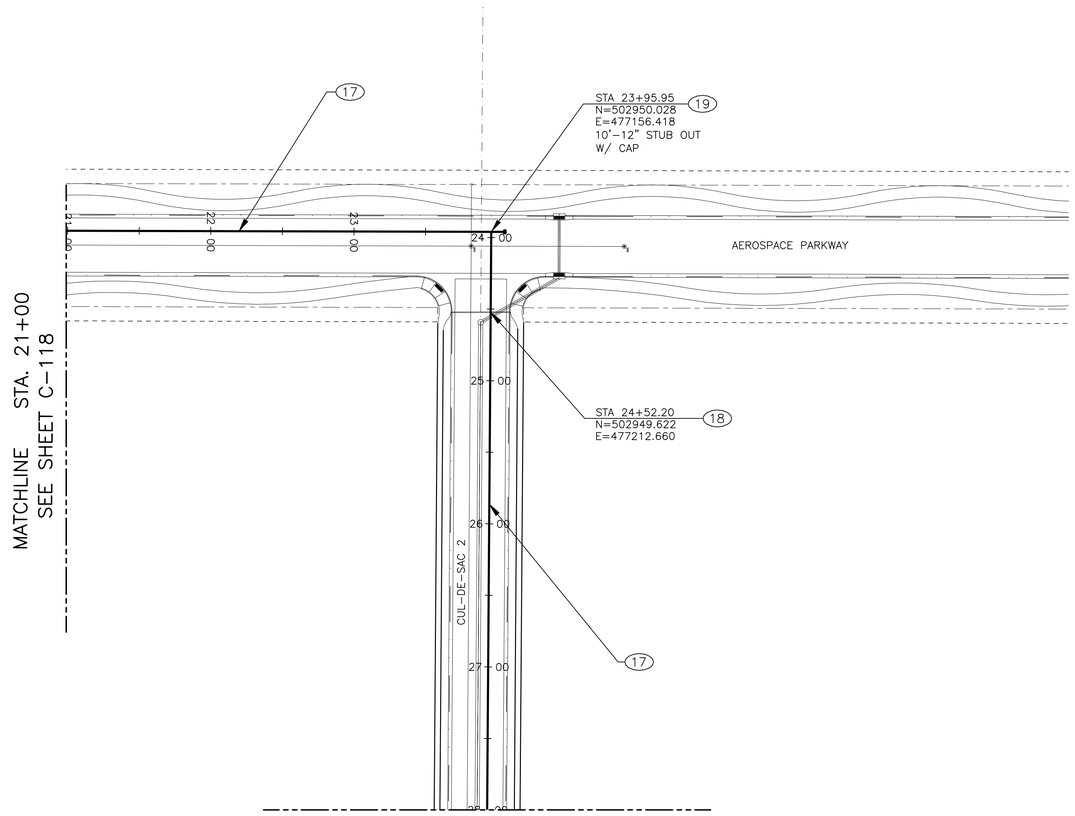
NO.	BY	DATE

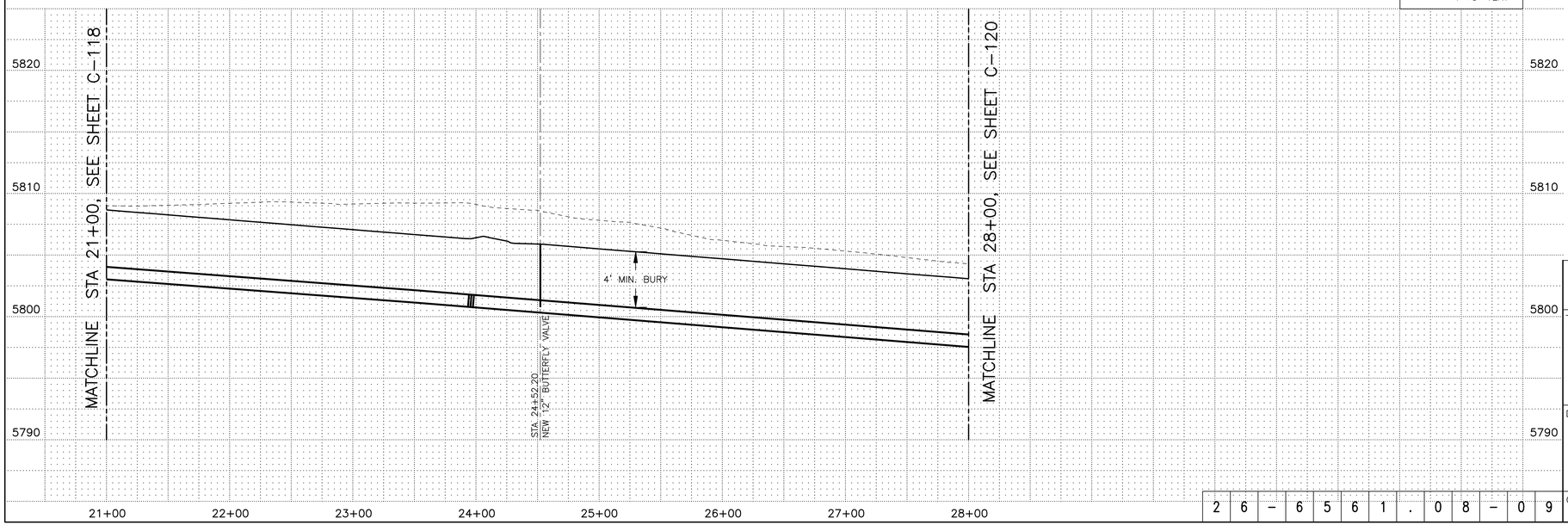
ENGINEER'S SEAL
JOHN M. BROWNE
NEW MEXICO 10891
PROFESSIONAL ENGINEER

I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO DRAWING SIGNED BY ME ON 06/22/07

NO.	DATE	REMARKS
		REVISIONS
		DESIGN
		DESIGNED BY CWG/RPA DATE MARCH 07
		DRAWN BY CWG/RPA DATE MARCH 07
		CHECKED BY JMP DATE MARCH 07

CAB-118 3/18/09 1:1





LEGEND

- EXISTING TOPOGRAPHY CONTOUR (5744.00)
- NEW TOPOGRAPHY CONTOUR (5744.0)
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(17) NEW 12" WATERLINE PLACED AS PER COA DWG. 2315.

(18) NEW 12" BUTTERFLY VALVE WITH VALVE BOX AS PER COA DWG. 2326.

(19) NEW 12X12 TEE FITTING. SEE RESTRAINTMENT TABLE BELOW.

NOTE:
INSTALL MECHANICAL JOINT RESTRAINTS AT ALL BENDS AND JOINTS WHICH FALL WITHIN THE FOLLOWING LENGTHS OF EACH SIDE TO FITTINGS AS FOLLOWS:

	WATERLINE (PVC)		WATERLINE (DI)	
FITTING TYPE	12-INCH	24-INCH	12-INCH	24-INCH
90° HORIZONTAL BEND	46	83	37	67
45° HORIZONTAL BEND	19	34	15	28
22.5° HORIZONTAL BEND	9	16	7	13
11.25° HORIZONTAL BEND	5	8	4	7
VALVE OR DEAD END	104	192	91	123
VERTICAL OFFSET (HIGH SIDE/LOW SIDE)	NA	NA	NA	NA
TEE (RESTRAIN ALL SIDES OF TEE FITTING)	21	21	21	21
REDUCER 8"x12"	NA	NA	NA	NA

COMMENT:
ADD RESTRAINED LENGTHS FOR ALL HORIZONTAL BEND FITTING COMBINATIONS. FOR EXAMPLE, THE RESTRAINED LENGTH FOR A 8-INCH, 45°-BEND IN COMBO WITH A 11.25°- BEND ON PVC PIPE SHOULD BE 14 FEET.

PIPE RESTRAINT REQUIREMENTS FOR 12" & 24" PIPES

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN HEREON AND THAT ANY EXISTING UTILITIES THAT ARE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

SCALE: 1"=50' HORIZ
1"=5' VERT

RECORD DRAWING
DATE: 03/18/0
DRAWN BY: JCB
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2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-5700
FAX: 505.243-0873
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY: DATE
WORK STARTED AS: DATE
ACCEPTANCE BY: DATE
VERIFICATION BY: DATE
DRAWINGS CONVERTED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JOHN M. BROOME
NEW MEXICO 10997
I, JOHN M. BROOME, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE DRAWING SIGNED BY ME ON 06/22/07

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		CWG/RPA	DATE MARCH 07
DRAWN BY		CWG/RPA	DATE MARCH 07
CHECKED BY		JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

AEROSPACE PKWY WATERLINE PLAN AND PROFILE STA 21+00 TO STA 28+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

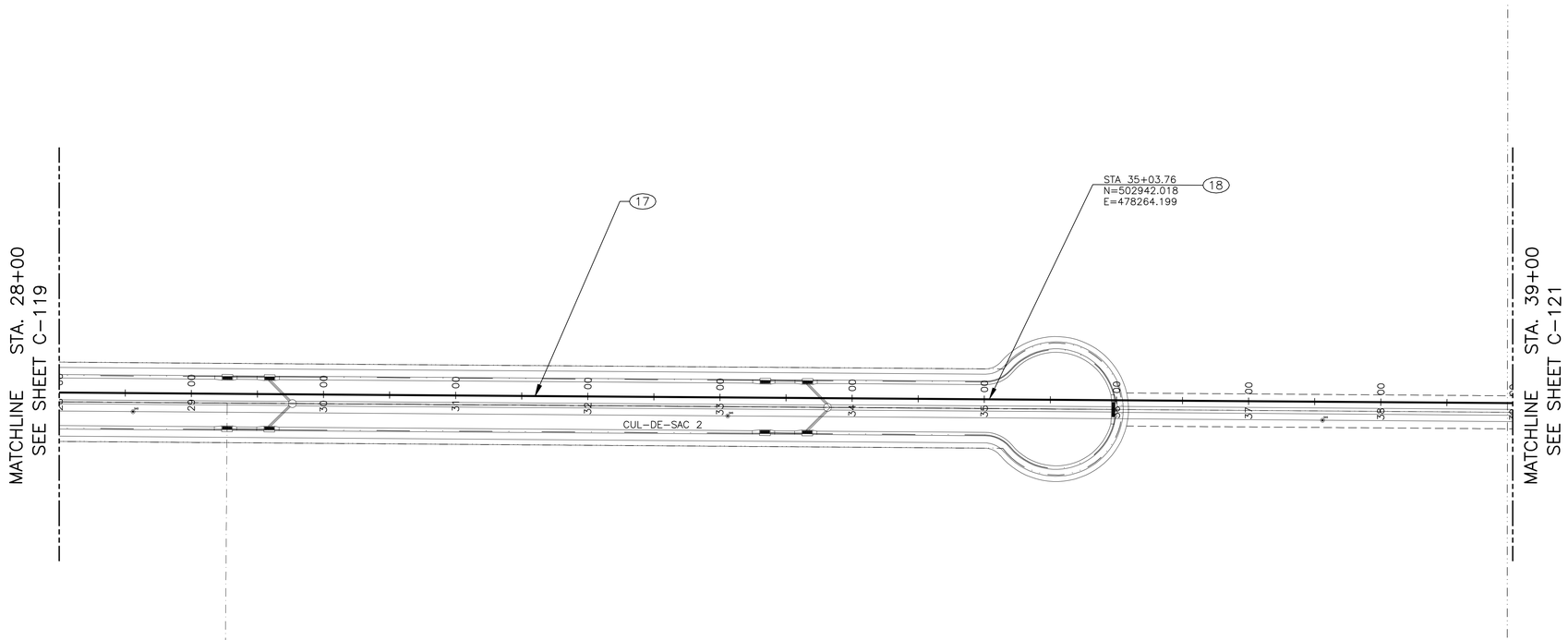
City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C119	

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CAB-119 3/19/09 1:1

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REDRAWN FOR RECORD PURPOSES



CAUTION:
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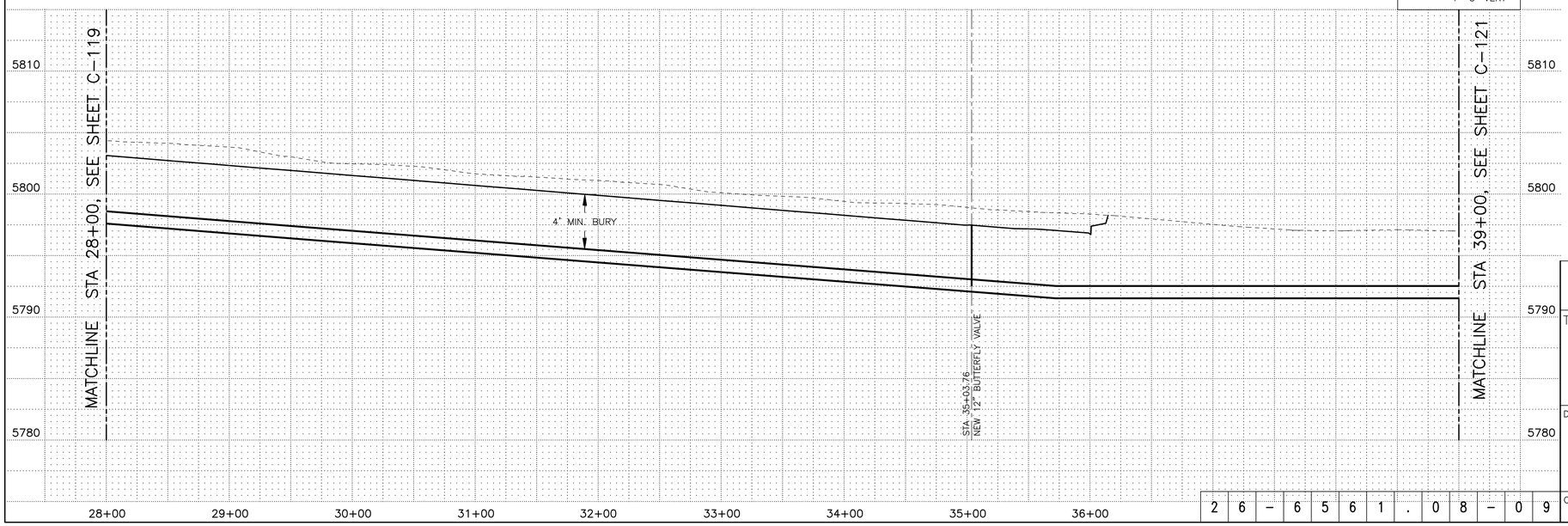
LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(17) NEW 12" WATERLINE PLACED AS PER COA DWG. 2315.

(18) NEW 12" BUTTERFLY VALVE WITH VALVE BOX AS PER COA DWG. 2326.



SCALE: 1"=50' HORIZ
1"=5' VERT

RECORD DRAWING	
DATE: 03/18/0	DRAWN BY: JCB

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ALBUQUERQUE, NM 87106
TEL: 505.343-0700
FAX: 505.243-0972
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTIONS — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. BROWNE
10997
NEW MEXICO
PROFESSIONAL ENGINEER

I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE SIGNED AND SEALED ORIGINAL DRAWING SIGNED BY ME ON 06/22/22

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		CWG/RPA	DATE MARCH 07
DRAWN BY		CWG/RPA	DATE MARCH 07
CHECKED BY		JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

CULDESAC 2 WATERLINE
PLAN AND PROFILE
STA 28+00 TO STA 39+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C120	

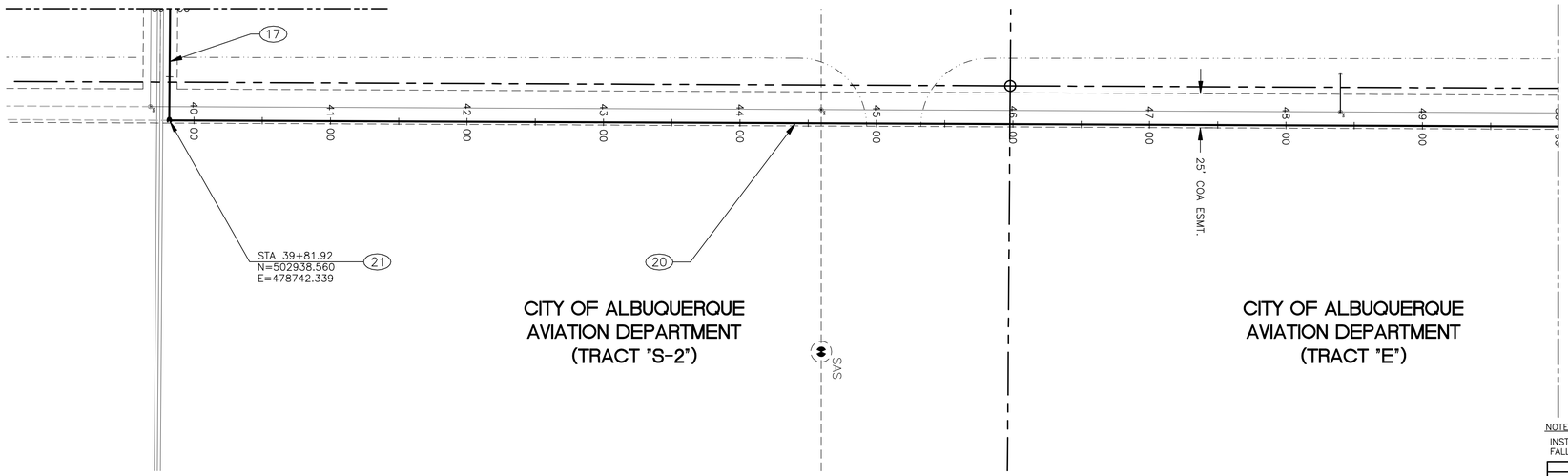
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CAB-120 3/19/09 1:1

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MATCHLINE STA. 39+00
SEE SHEET C-120



MATCHLINE STA. 50+00
SEE SHEET C-122

LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(17) NEW 12" WATERLINE PLACED AS PER COA DWG. 2315.

(18) NEW 12" BUTTERFLY VALVE WITH VALVE BOX AS PER COA DWG. 2326.

(20) NEW 24" WATERLINE PLACED AS PER COA DWG. 2315.

(21) NEW 24X12 TEE FITTING W/ CAP. SEE RESTRAINT TABLE BELOW

NOTE:
INSTALL MECHANICAL JOINT RESTRAINTS AT ALL BENDS AND JOINTS WHICH FALL WITHIN THE FOLLOWING LENGTHS OF EACH SIDE TO FITTINGS AS FOLLOWS:

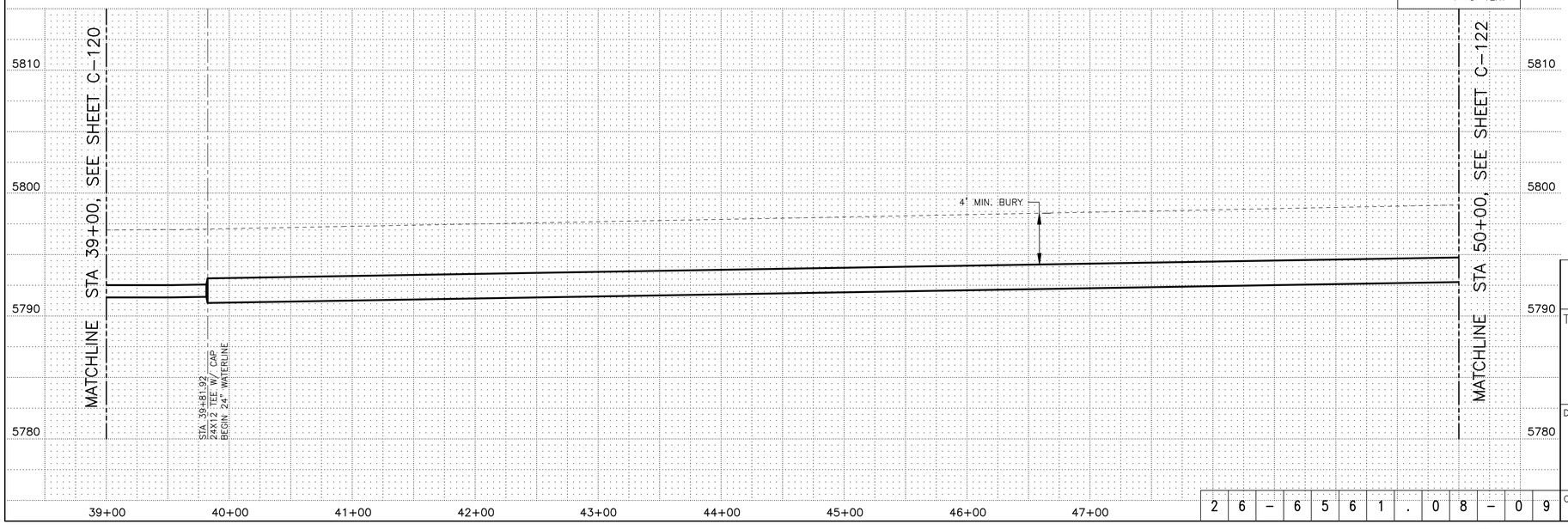
	WATERLINE (PVC)		WATERLINE (DI)	
FITTING TYPE	12-INCH	24-INCH	12-INCH	24-INCH
90° HORIZONTAL BEND	46	83	37	67
45° HORIZONTAL BEND	19	34	15	28
22.5° HORIZONTAL BEND	9	16	7	13
11.25° HORIZONTAL BEND	5	8	4	7
VALVE OR DEAD END	104	192	91	123
VERTICAL OFFSET (HIGH SIDE/LOW SIDE)	NA	NA	NA	NA
TEE (RESTRAIN ALL SIDES OF TEE FITTING)	21	21	21	21
REDUCER 8"x12"	NA	NA	NA	NA

COMMENT:
ADD RESTRAINED LENGTHS FOR ALL HORIZONTAL BEND FITTING COMBINATIONS. FOR EXAMPLE, THE RESTRAINED LENGTH FOR A 8-INCH, 45°-BEND IN COMBO WITH A 11.25°- BEND ON PVC PIPE SHOULD BE 14 FEET.

PIPE RESTRAINT REQUIREMENTS FOR 12" & 24" PIPES

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SCALE: 1"=50' HORIZ
1"=5' VERT



RECORD DRAWING
DATE: 03/18/0
DRAWN BY: JCB
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TEL: 505.243-5700
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MOLZEN-CORBIN & Associates
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AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY: DATE
INSPECTION BY: DATE
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FINAL INSPECTION BY: DATE
VERIFICATION BY: DATE
DRAWINGS CONVERTED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY: DATE
NO.

ENGINEER'S SEAL
JOHN M. BROENE
NEW MEXICO 10997
I, JOHN M. BROENE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE APPROVED HARD COPY DRAWING SIGNED BY ME ON 06/22/07

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		CWG/RPA	DATE MARCH 07
DRAWN BY		CWG/RPA	DATE MARCH 07
CHECKED BY		JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

COA ESMT. WATERLINE PLAN AND PROFILE STA 39+00 TO STA 50+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

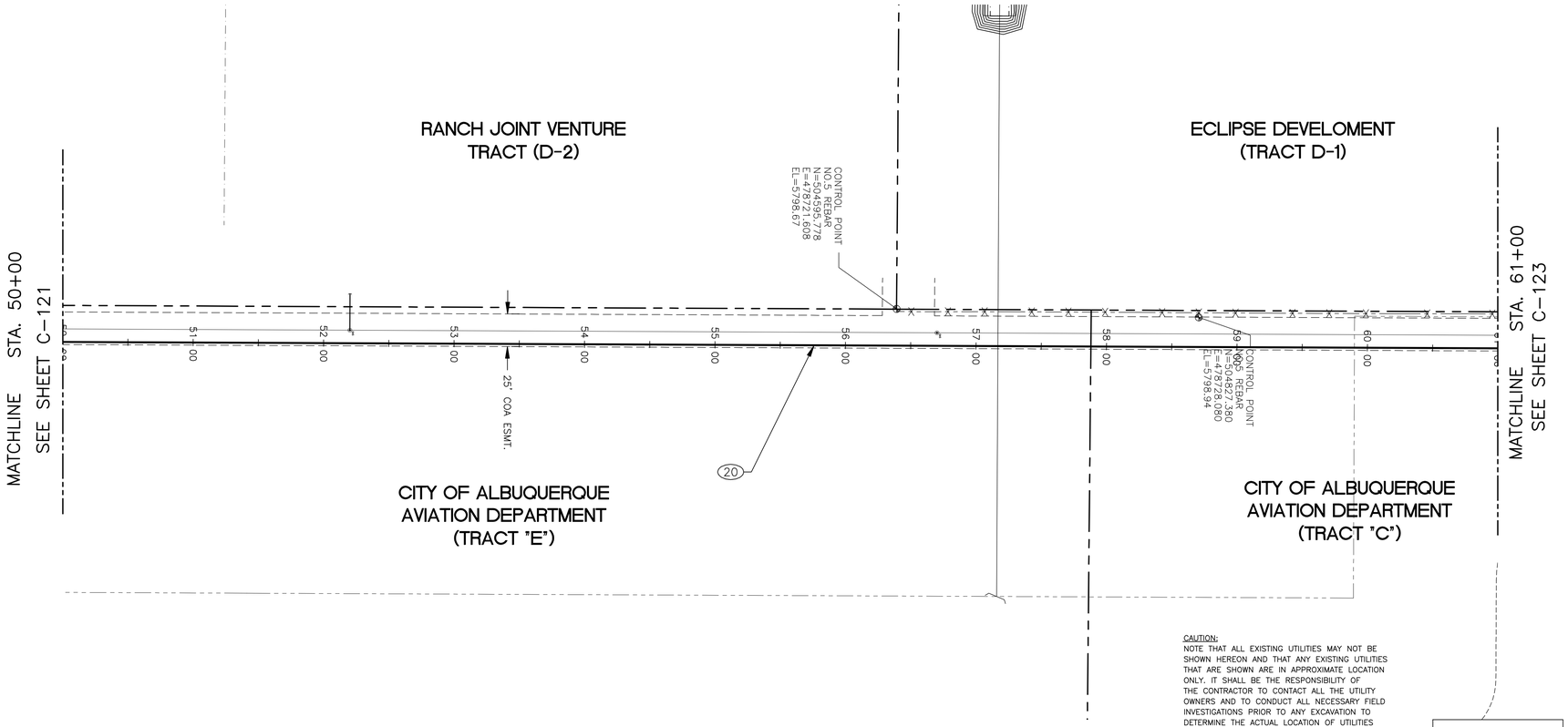
City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C121	

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CAB-121 3/18/09 1:1

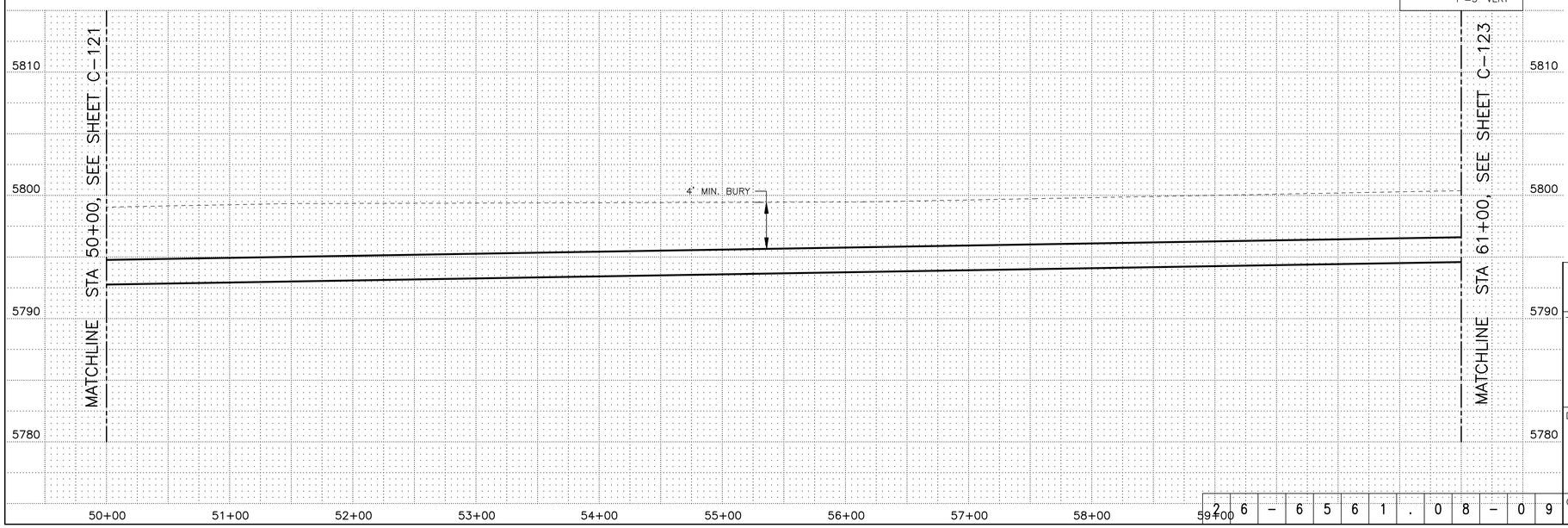
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REDRAWN FOR RECORD PURPOSES



CAUTION:
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SCALE: 1"=50' HORIZ
1"=5' VERT



LEGEND

- EXISTING TOPOGRAPHY CONTOUR (5744.00)
- NEW TOPOGRAPHY CONTOUR (5744.0)
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(20) NEW 24" WATERLINE PLACED AS PER COA DWG. 2315.

RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS ON INFORMATION COMPILED AND FURNISHED BY OTHERS. MOLZEN-CORBIN AND ASSOCIATES WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.

9

N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-0700
FAX: 505.243-0972
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY DATE
WORK COMPLETED DATE
ACCEPTANCE BY DATE
AS-BUILTS BY DATE
VERIFICATION BY DATE
DRAWINGS CONVERTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JOHN M. PROVINE 10997 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARDCOPY SIGNED AND SEALED. DRAWING SIGNED BY ME ON 05/22/2012

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY	CWG/RPA	DATE MARCH 07	
DRAWN BY	CWG/RPA	DATE MARCH 07	
CHECKED BY	JMP	DATE MARCH 07	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

COA ESMT. WATERLINE
PLAN AND PROFILE
STA 50+00 TO STA 61+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C122	

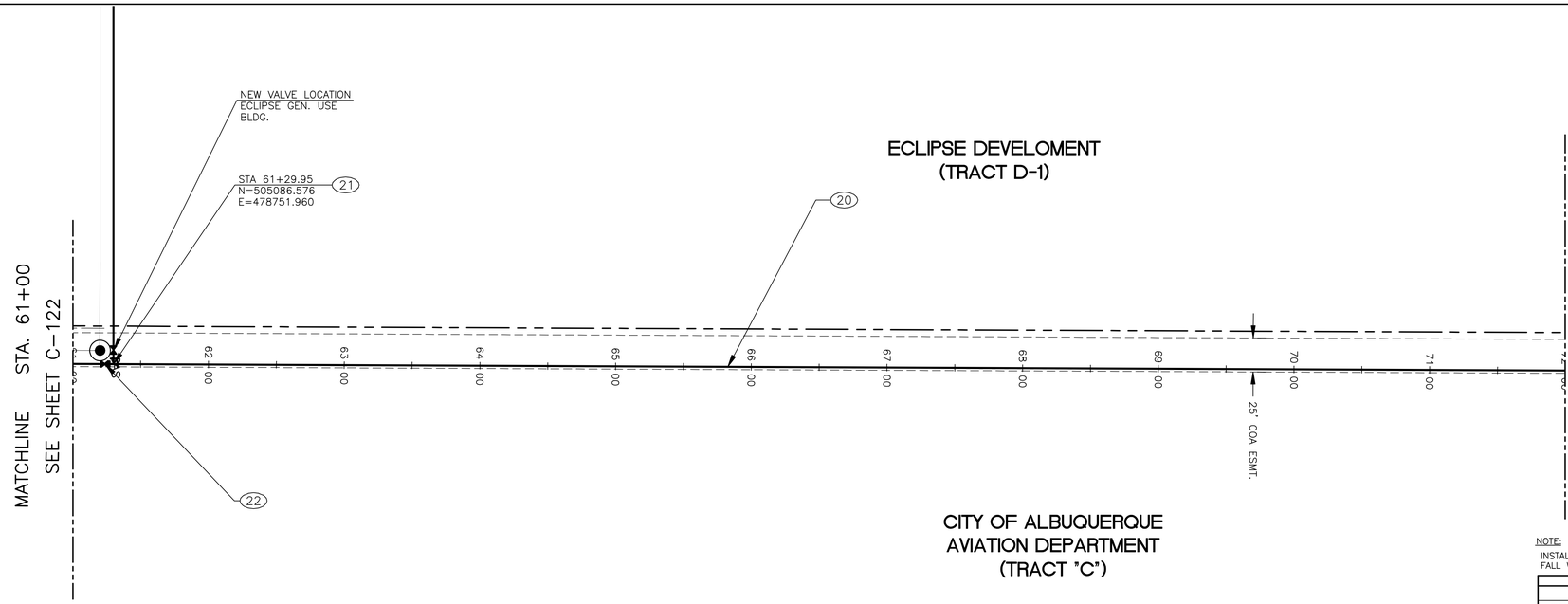
26-6561.08-09

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REDRAWN FOR RECORD PURPOSES

CAB-122 3/19/09 1:1



LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(20) NEW 24" WATERLINE PLACED AS PER COA DWG. 2315.

(21) TIE-IN TO ECLIPSE GEN. USE BLDG. 12" WATERLINE AND RELOCATE 12" VALVE. NEW 24X12 TEE FITTING W/ CAP. SEE RESTRAINT TABLE BELOW.

(22) NEW 24" BUTTERFLY VALVE

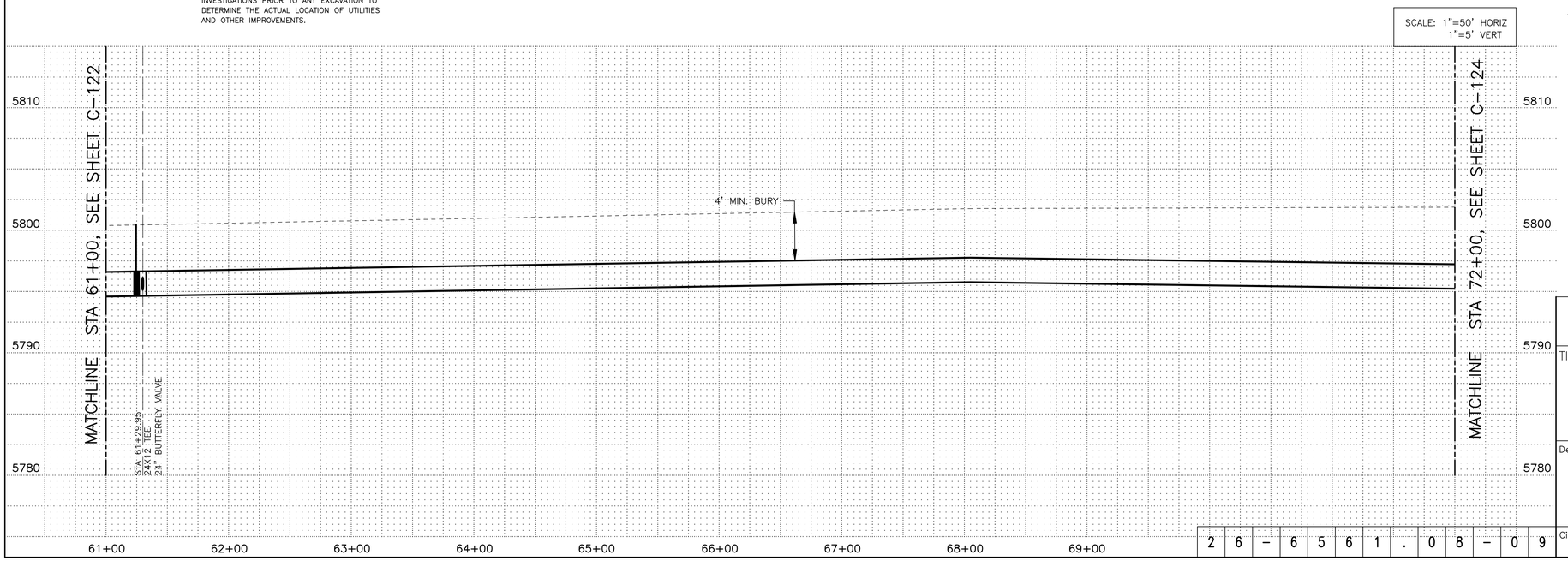
NOTE:
INSTALL MECHANICAL JOINT RESTRAINTS AT ALL BENDS AND JOINTS WHICH FALL WITHIN THE FOLLOWING LENGTHS OF EACH SIDE TO FITTINGS AS FOLLOWS:

	WATERLINE (PVC)		WATERLINE (DI)	
FITTING TYPE	12-INCH	24-INCH	12-INCH	24-INCH
90° HORIZONTAL BEND	46	83	37	67
45° HORIZONTAL BEND	19	34	15	28
22.5° HORIZONTAL BEND	9	16	7	13
11.25° HORIZONTAL BEND	5	8	4	7
VALVE OR DEAD END	104	192	91	123
VERTICAL OFFSET (HIGH SIDE/LOW SIDE)	NA	NA	NA	NA
TEE (RESTRAIN ALL SIDES OF TEE FITTING)	21	21	21	21
REDUCER 8"x12"	NA	NA	NA	NA

COMMENT:
ADD RESTRAINED LENGTHS FOR ALL HORIZONTAL BEND FITTING COMBINATIONS. FOR EXAMPLE, THE RESTRAINED LENGTH FOR A 8-INCH, 45°-BEND IN COMBO WITH A 11.25°- BEND ON PVC PIPE SHOULD BE 14 FEET.

PIPE RESTRAINT REQUIREMENTS FOR 12" & 24" PIPES

CAUTION:
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RECORD DRAWING
DATE: 03/18/0 | DRAWN BY: JCB

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS ON INFORMATION COMPILED AND FURNISHED BY OTHERS. MOLZEN-CORBIN AND ASSOCIATES WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.

N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.343-0703
FAX: 505.343-0973
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STARTED BY — DATE
STRUCTURES ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CONVERTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
JOHN M. PROVINE 10897 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY DRAWING SIGNED BY ME ON 06/21/2021

REVISIONS

NO.	DATE	REMARKS	BY
DESIGNED BY	CWG/RPA	DESIGN	DATE MARCH 07
DRAWN BY	CWG/RPA		DATE MARCH 07
CHECKED BY	JMP		DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

COA ESMT. WATERLINE PLAN AND PROFILE STA 61+00 TO STA 72+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

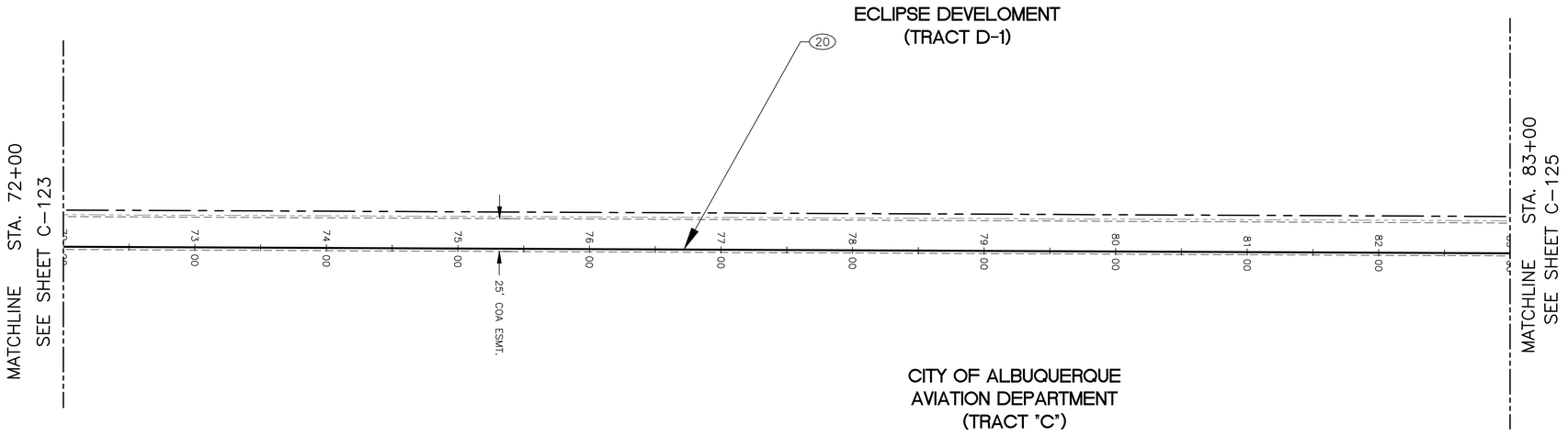
City Project No. 656108 | Zone Map No. E-6 | Sheet C123 Of

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CAB-123 3/19/09 1:1

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REDRAWN FOR RECORD PURPOSES



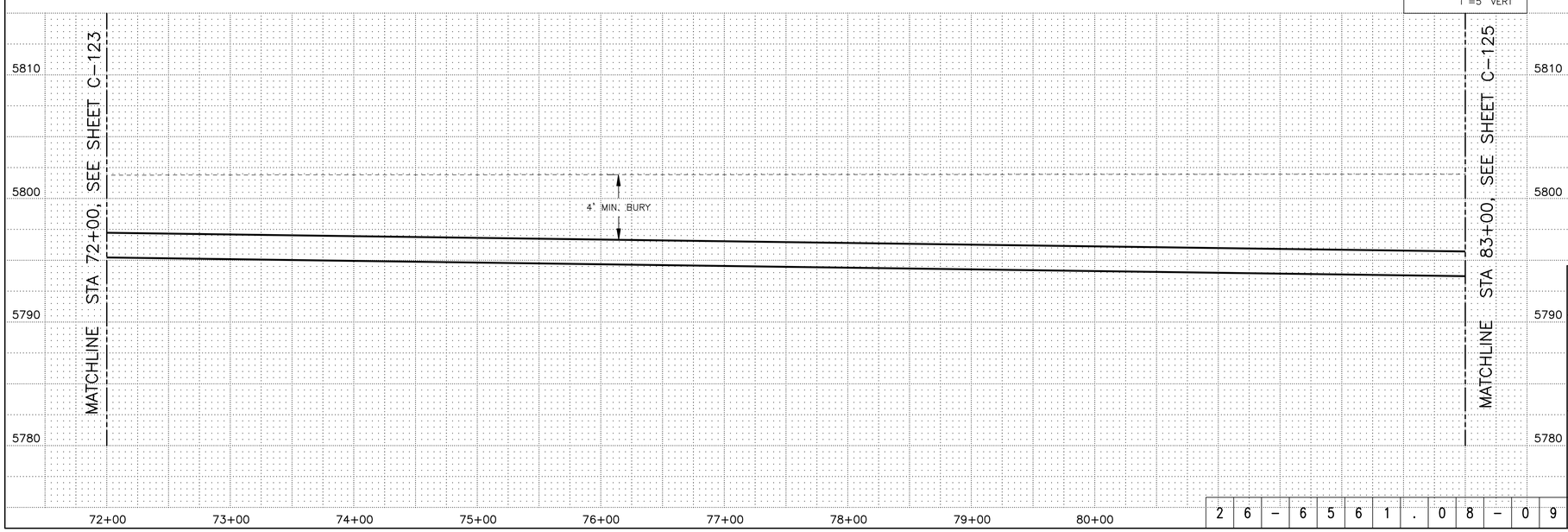
LEGEND

- EXISTING TOPOGRAPHY CONTOUR (5744.00)
- NEW TOPOGRAPHY CONTOUR (5744.0)
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(20) NEW 24" WATERLINE PLACED AS PER COA DWG. 2315.

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RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

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ALBUQUERQUE, NM 87106
TEL: 505.243-0700
FAX: 505.243-0972
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR WORK STARTED BY — DATE
INSPECTION AS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS COMPILED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. PROVINE 10897 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO DRAWING SIGNED BY ME ON 06/21/2012

REMARKS	BY	DATE
REVISIONS		
DESIGN		
DESIGNED BY CWG/RPA		DATE MARCH 07
DRAWN BY CWG/RPA		DATE MARCH 07
CHECKED BY JMP		DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

COA ESMT. WATERLINE
PLAN AND PROFILE
STA 72+00 TO STA 83+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C124	

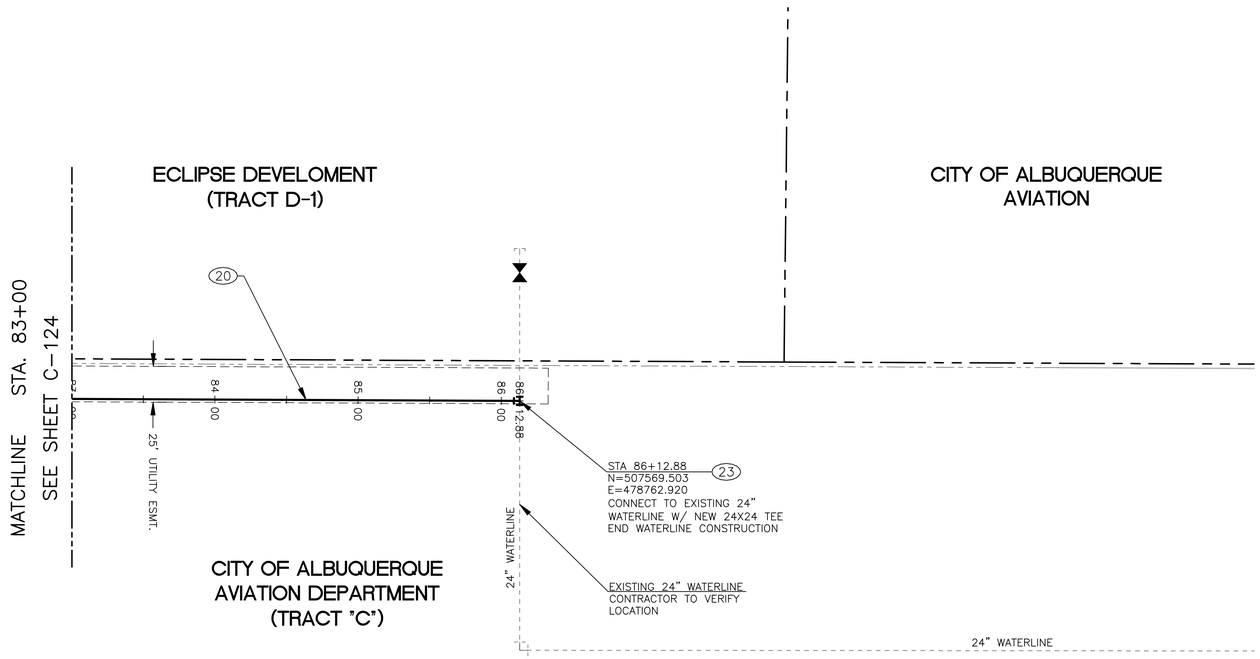
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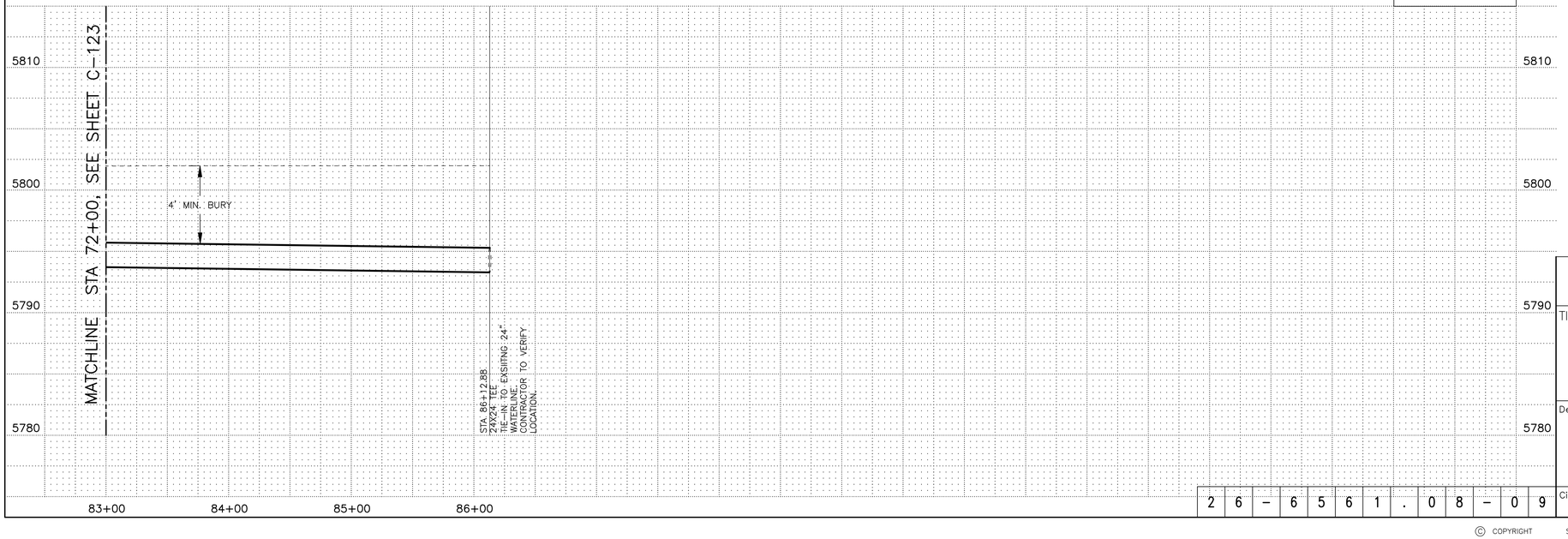
SMP11F-11

REDRAWN FOR RECORD PURPOSES

CAB-124 3/19/09 1:1



CAUTION:
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SCALE: 1"=50' HORIZ
1"=5' VERT

LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(20) NEW 24" WATERLINE PLACED AS PER COA DWG. 2315.

(23) NEW 24X24 TEE. SEE RESTRAINT TABLE BELOW.

NOTE:
INSTALL MECHANICAL JOINT RESTRAINTS AT ALL BENDS AND JOINTS WHICH FALL WITHIN THE FOLLOWING LENGTHS OF EACH SIDE TO FITTINGS AS FOLLOWS:

	WATERLINE (PVC)		WATERLINE (DI)	
FITTING TYPE	12-INCH	24-INCH	12-INCH	24-INCH
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11.25° HORIZONTAL BEND	5	8	4	7
VALVE OR DEAD END	104	192	91	123
VERTICAL OFFSET (HIGH SIDE/LOW SIDE)	NA	NA	NA	NA
TEE (RESTRAIN ALL SIDES OF TEE FITTING)	21	21	21	21
REDUCER 8"x12"	NA	NA	NA	NA

COMMENT:
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PIPE RESTRAINT REQUIREMENTS FOR 12" & 24" PIPES 9

RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

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0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-5700
FAX: 505.243-0873
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STARTED BY — DATE
STARTING DATE
ACCEPTANCE BY — DATE
FINAL INSPECTION
VERIFICATION BY — DATE
DRAWINGS CONVERTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY — DATE
NO.

ENGINEER'S SEAL
JOHN M. PROVINE
NEW MEXICO
10997
I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO DRAWING SIGNED BY ME ON 06/22/07

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		CWG/RPA	DATE MARCH 07
DRAWN BY		CWG/RPA	DATE MARCH 07
CHECKED BY		JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

COA ESMT. WATERLINE
PLAN AND PROFILE
STA 83+00 TO E.O.P.

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

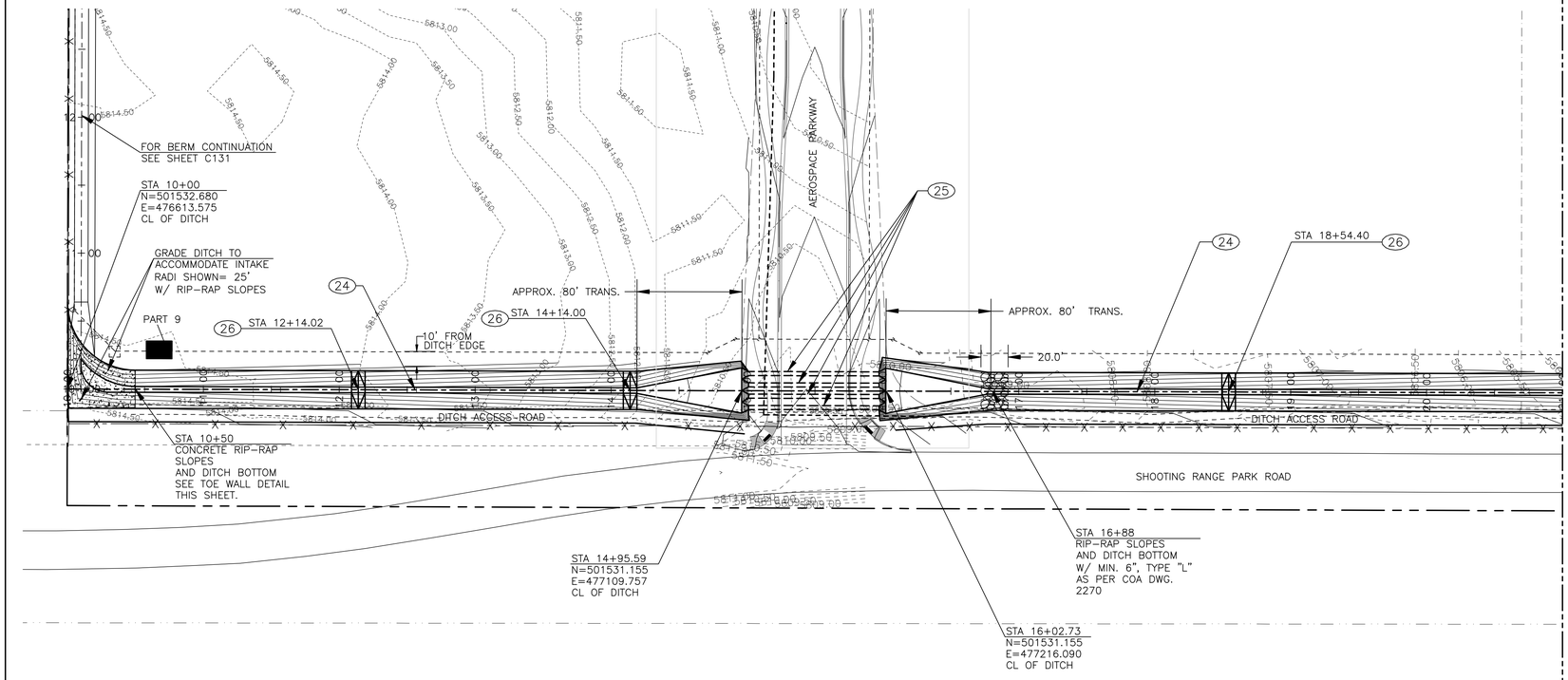
City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C125	

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CAB-125 3/20/09 1:1

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SEE SHEET C-127
MATCHLINE STA. 21+00

CAUTION:
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LEGEND

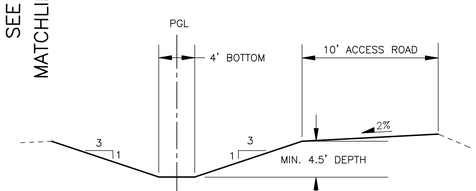
- EXISTING TOPOGRAPHY CONTOUR (5744.00)
- NEW TOPOGRAPHY CONTOUR (5744.0)
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(24) CL OF NEW DITCH. SEE SECTION BELOW

(25) NEW 36" CMP WITH END TREATMENTS.

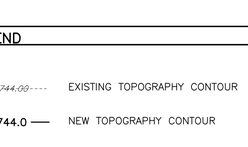
(26) NEW WIRE ENCLOSED CHECK DAM PLACED ACROSS DITCH. FOR DETAILS SEE SHEET C501.



DITCH SECTION

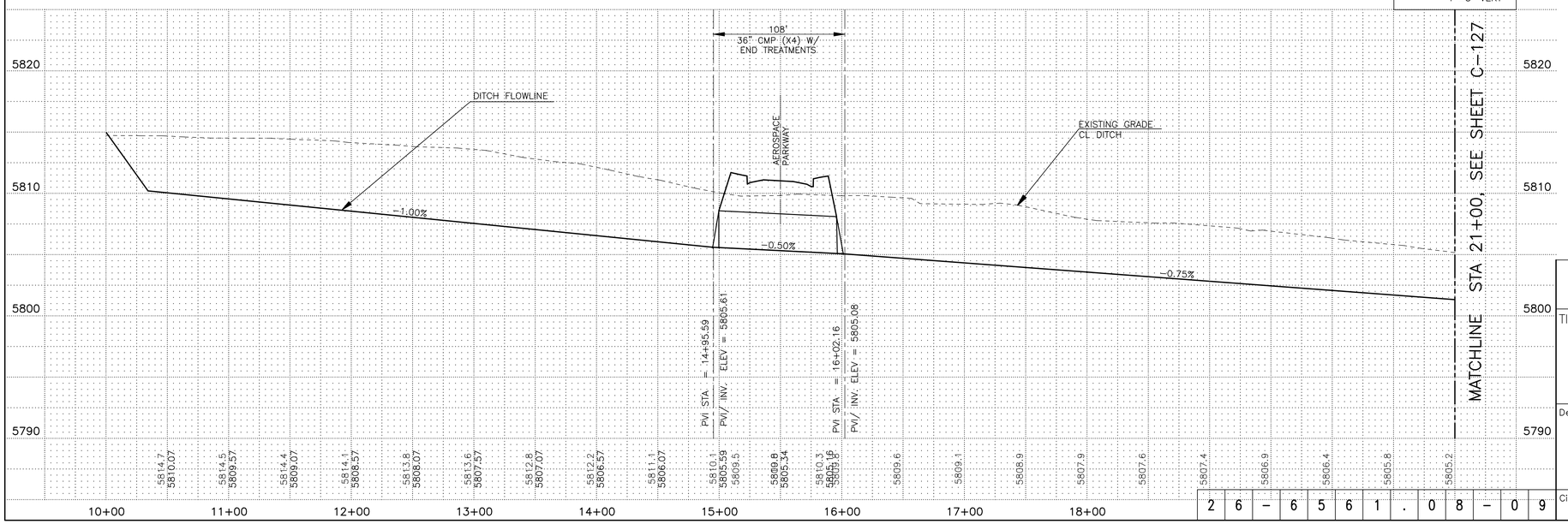
RECORD DRAWING	
DATE: 03/18/0	DRAWN BY: JCB

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RIP-RAP TOE WALL DETAIL

SCALE: 1"=50' HORIZ
1"=5' VERT



N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.343-0700
FAX: 505.343-0973
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY DATE
CONSTRUCTION IS ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CONVERTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

ENGINEER'S SEAL
JOHN M. BROWNE
NEW MEXICO
10997
PROFESSIONAL ENGINEER
I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE ORIGINAL DRAWING SIGNED BY ME ON 06/21/22

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY	CWG/RPA	DATE	MARCH 07
DRAWN BY	CWG/RPA	DATE	MARCH 07
CHECKED BY	JMP	DATE	MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

SOUTH DITCH
PLAN AND PROFILE
STA 10+00 TO STA 21+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C126	

2 6 - 6 5 6 1 . 0 8 - 0 9

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REDRAWN FOR RECORD PURPOSES

CAB-126 3/20/09 1:1

SEE SHEET C-126
MATCHLINE STA. 21+00

STA 21+06.00 (26)
STA 26+09.18 (26)
(24)
STA 28+60.81 (26)
(26) STA 31+17.44
STA 30+94.33
N=501527.630
E=478708.020
CL OF DITCH
FL ELEV.: 5793.89
PART 10
10.0'
U/G E
SHOOTING RANGE ROAD
STA 30+81.00
CONCRETE RIP-RAP
SLOPES
AND DITCH BOTTOM

SEE SHEET C-128
MATCHLINE STA. 31+50

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN HEREON AND THAT ANY EXISTING UTILITIES THAT ARE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

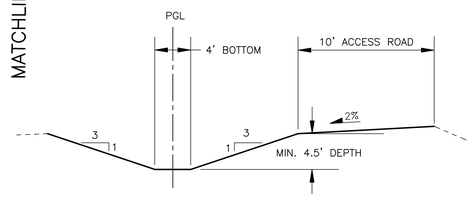
LEGEND

- EXISTING TOPOGRAPHY CONTOUR (5744.00)
- NEW TOPOGRAPHY CONTOUR (5744.0)
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(24) CL OF NEW DITCH. SEE SECTION BELOW

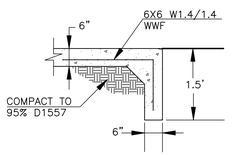
(26) NEW WIRE ENCLOSED CHECK DAM PLACED ACROSS DITCH. FOR DETAILS SEE SHEET C501.



DITCH SECTION

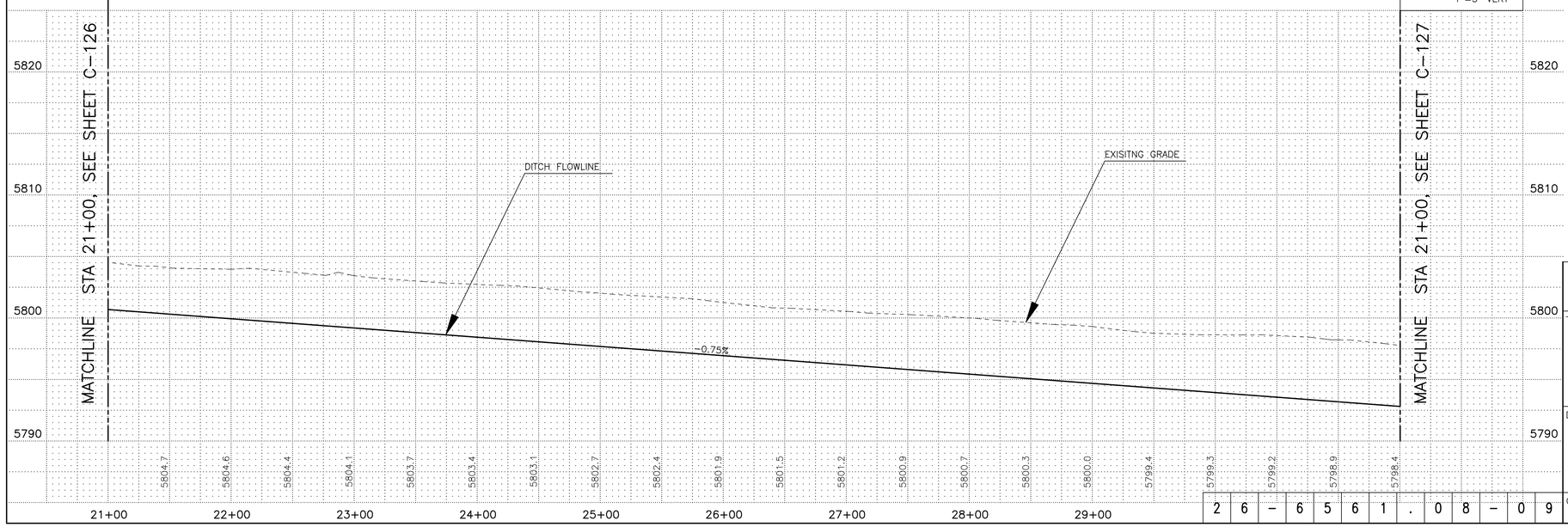
RECORD DRAWING	
DATE: 03/18/0	DRAWN BY: 9 JCB

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RIP-RAP TOE WALL DETAIL

SCALE: 1"=50' HORIZ
1"=5' VERT



N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-0700
FAX: 505.243-0873

MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY DATE
WORK FINISHED DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

ENGINEER'S SEAL
JOHN M. BRIGNONE
NEW MEXICO
10997
I, JOHN M. BRIGNONE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY SIGNED AND SEALED DRAWING ISSUED BY ME ON 06/21/22

NO.	REMARKS	BY	DATE
	DESIGN	DESIGNED BY CWG/RPA	DATE MARCH 07
		DRAWN BY CWG/RPA	DATE MARCH 07
		CHECKED BY JMP	DATE MARCH 07

REVISIONS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

SOUTH DITCH
PLAN AND PROFILE
STA 21+00 TO STA 31+50

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C127	

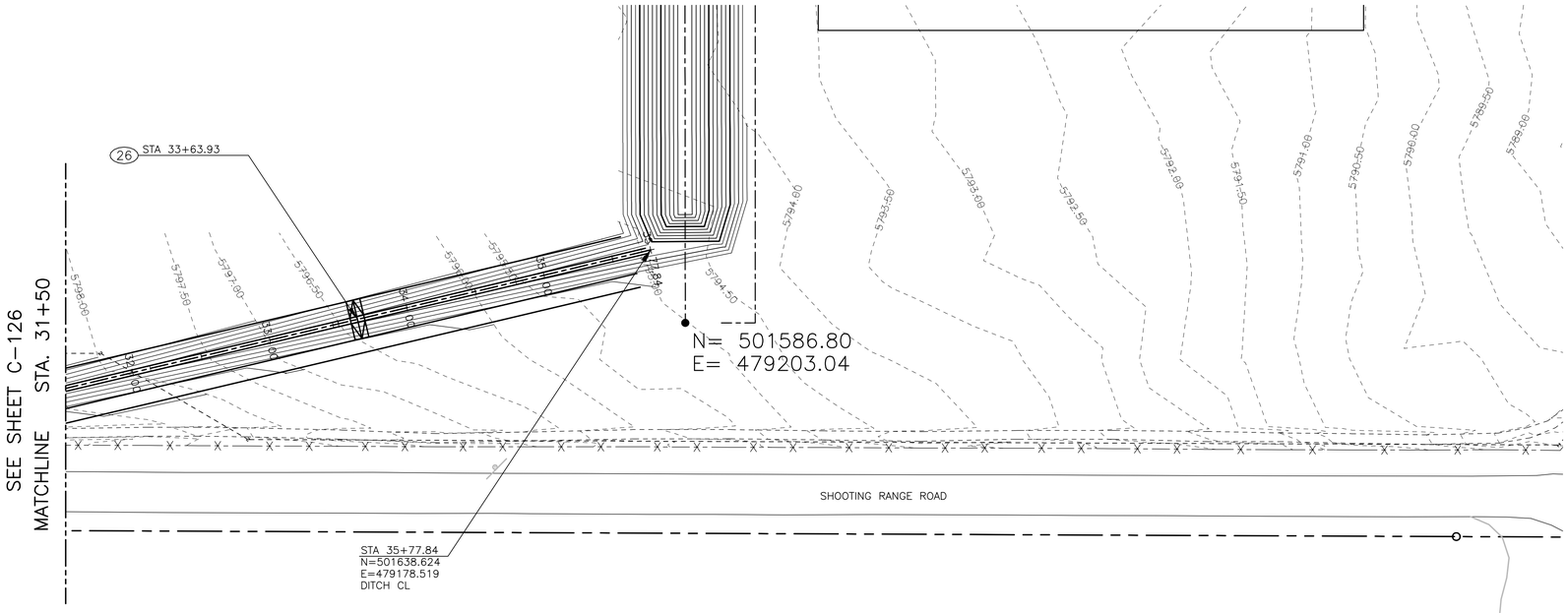
26-651610.08-09

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REDRAWN FOR RECORD PURPOSES

CAB-127 3/20/09 1:1



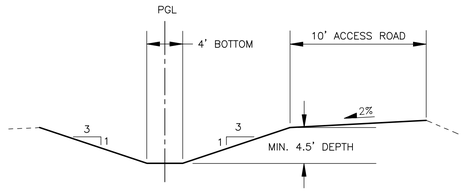
LEGEND

- EXISTING TOPOGRAPHY CONTOUR (5744.00)
- NEW TOPOGRAPHY CONTOUR (5744.0)
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

KEYED NOTES

(24) CL OF NEW DITCH. SEE SECTION BELOW

(26) NEW CHECK DAM PLACED ACROSS DITCH. FOR DETAILS SEE SHEET C501.



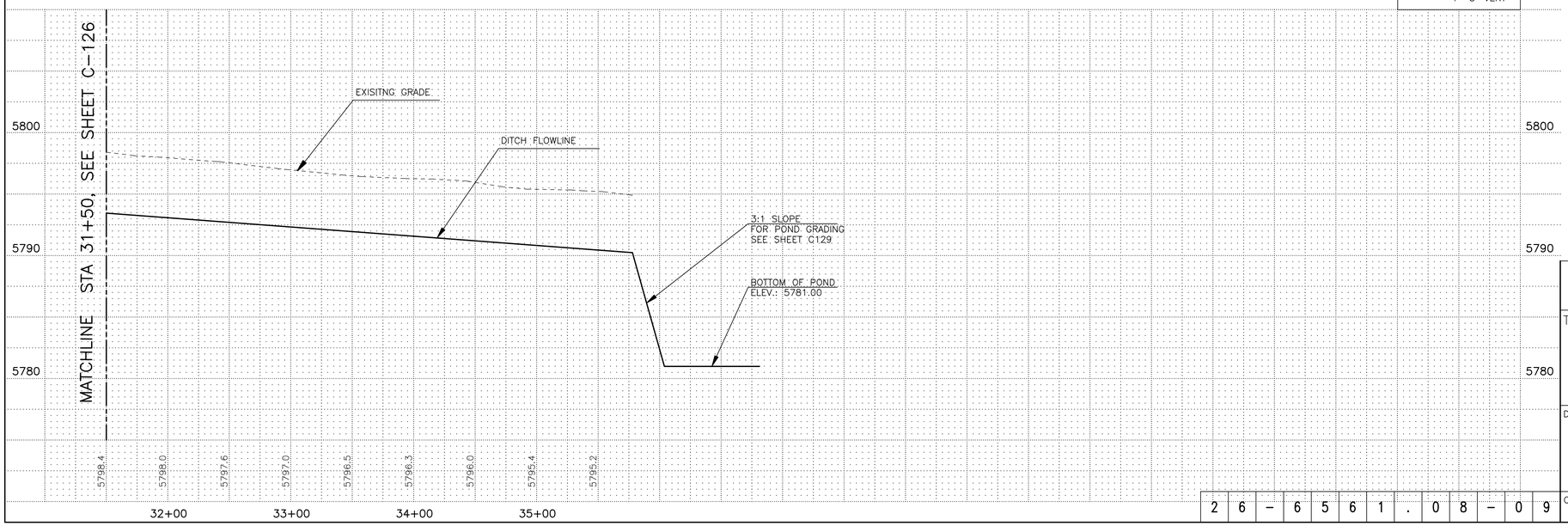
DITCH SECTION

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN HEREON AND THAT ANY EXISTING UTILITIES THAT ARE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

RECORD DRAWING	
DATE: 03/18/0	DRAWN BY: JCB

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SCALE: 1"=50' HORIZ
1"=5' VERT



N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-0700
FAX: 505.243-0873

MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR WORK STARTED BY: DATE
CONSTRUCTION IS ACCEPTANCE BY: DATE
AS-BUILT VERIFICATION BY: DATE
DRAWINGS COMPILED BY: DATE

MICRO-FILM INFORMATION

RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL



I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY DRAWING SIGNED BY ME ON 06/22/2007

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY CWG/RPA DATE MARCH 07
DRAWN BY CWG/RPA DATE MARCH 07
CHECKED BY JMP DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

SOUTH DITCH
PLAN AND PROFILE
STA 31+50 TO STA 35+77.84

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

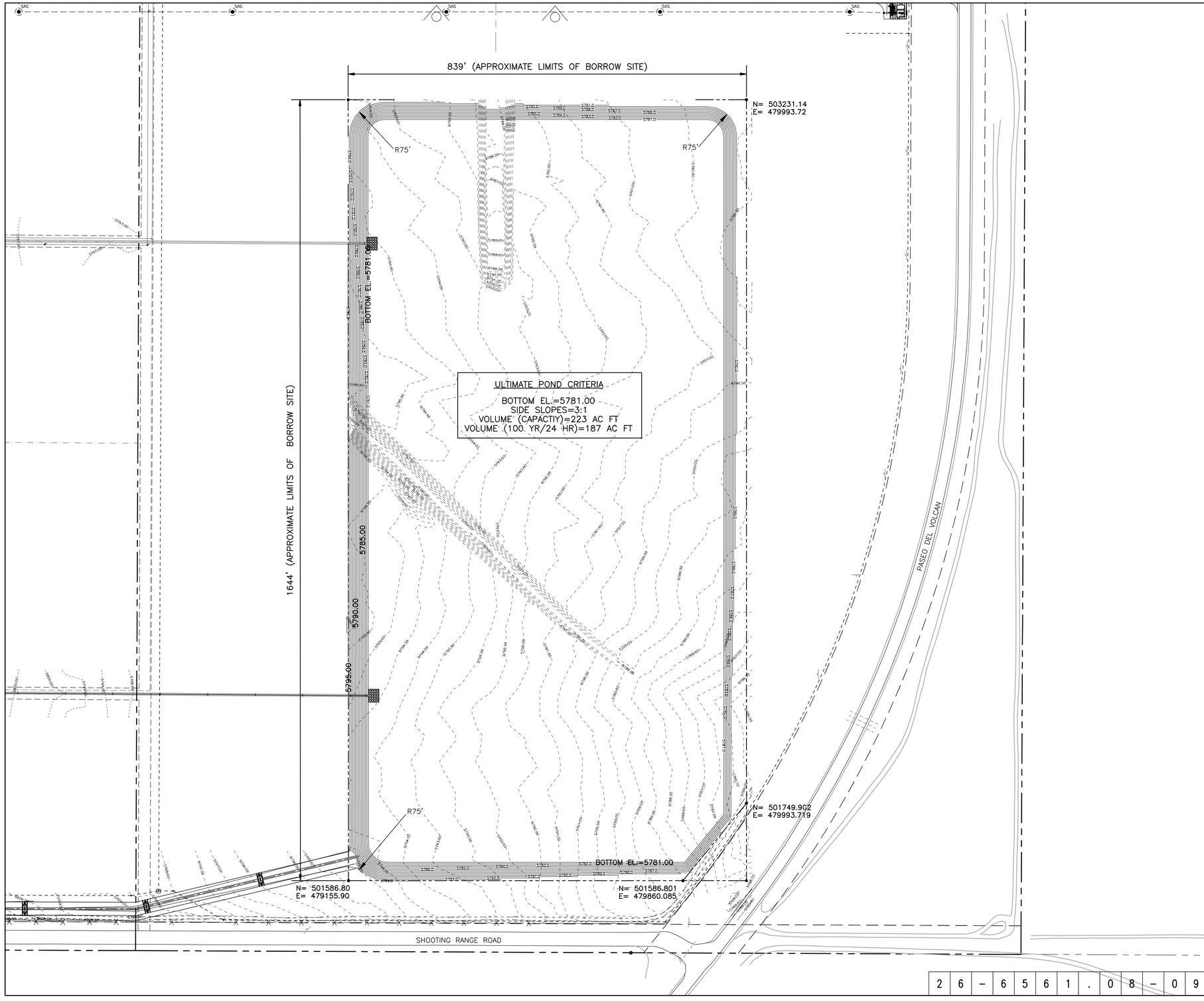
City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C128	

2 6 - 6 5 6 1 . 0 8 - 0 9

CAB-128 3/20/09 1:1

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REDRAWN FOR RECORD PURPOSES



LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

RECORD DRAWING

DATE:	DRAWN BY:
03/18/09	JCB

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N

0 20' 50' 100' 200'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.343-0703
FAX: 505.243-0972
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STARTED BY — DATE
INSPECTIONS BY — DATE
ACCEPTANCE BY — DATE
AS-BUILTS BY — DATE
VERIFICATION BY — DATE
DRAWINGS COMPILED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. BROWNE, NEW MEXICO, 10997, PROFESSIONAL ENGINEER

I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE DRAWING SIGNED BY ME ON 06/21/2012

NO.	DATE	REMARKS	DESIGNED BY	DRAWN BY	CHECKED BY
		REVISIONS	CWG/RPA	CWG/RPA	JMP
		DESIGN	DATE MARCH 07	DATE MARCH 07	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

POND GRADING (FUTURE)

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C129	

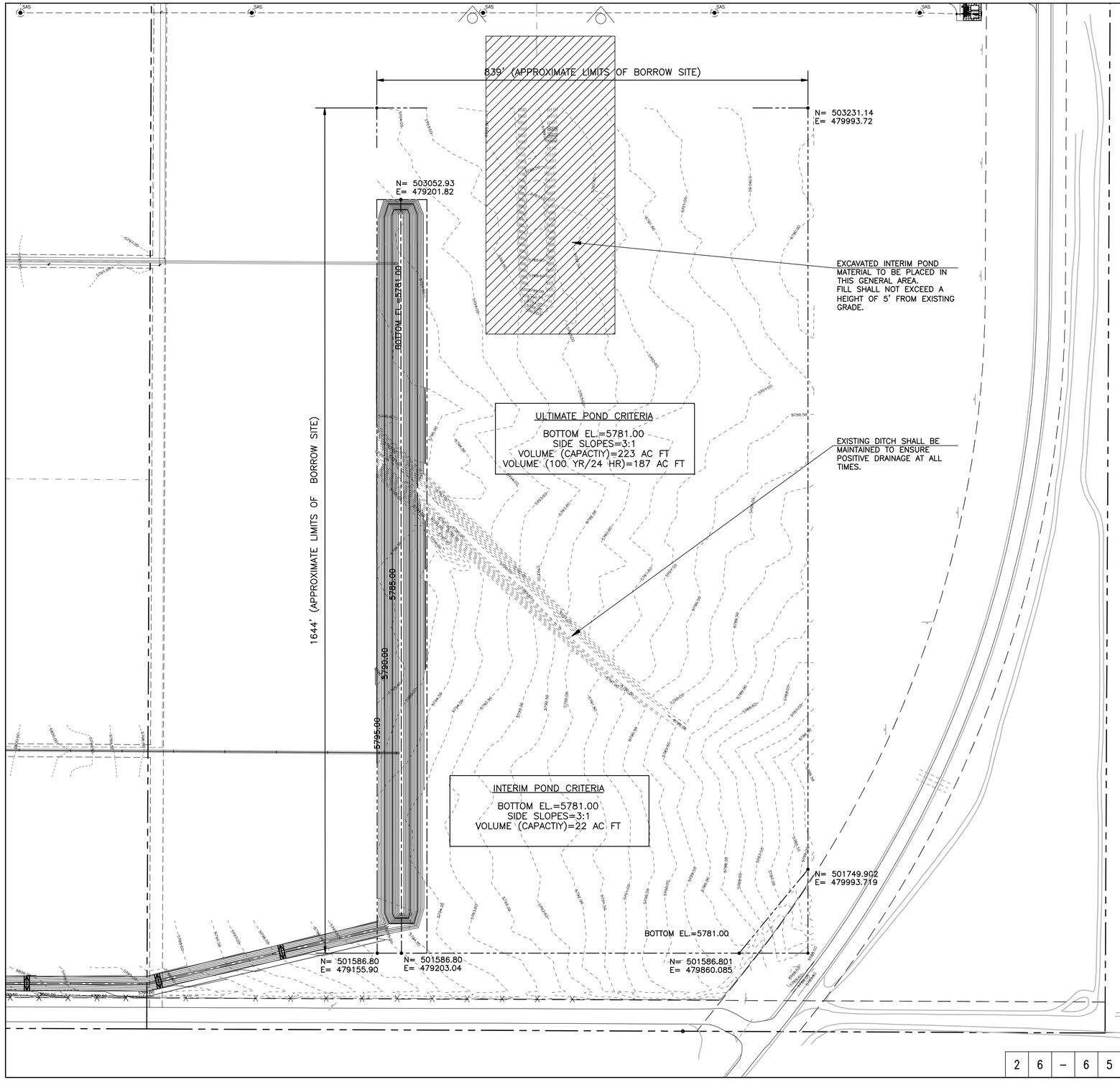
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CAB-129 3/18/09 1:1

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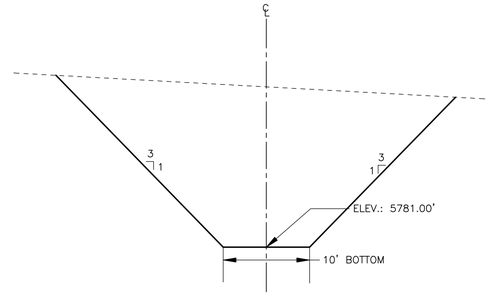
SMP11F-11

REDRAWN FOR RECORD PURPOSES



LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.



INTERIM POND SECTION

RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

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0 20' 50' 100' 200'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-0720
FAX: 505.243-0873

MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTIONS BY — DATE
ACCEPTANCE BY — DATE
AS-BUILTS BY — DATE
VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
RECORDED BY — DATE

MICRO-FILM INFORMATION
NO.

BENCH MARKS

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

ENGINEER'S SEAL

JOHN M. BROWNE
NEW MEXICO
10897
REGISTERED PROFESSIONAL ENGINEER

I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE FINAL HARD COPY DRAWING SIGNED BY ME ON 05/22/2007

NO.	DATE	REMARKS	BY
		DESIGN	
DESIGNED BY	CWG/RPA	REVISIONS	DATE MARCH 07
DRAWN BY	CWG/RPA		DATE MARCH 07
CHECKED BY	JMP		DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

POND GRADING (INTERIM)

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

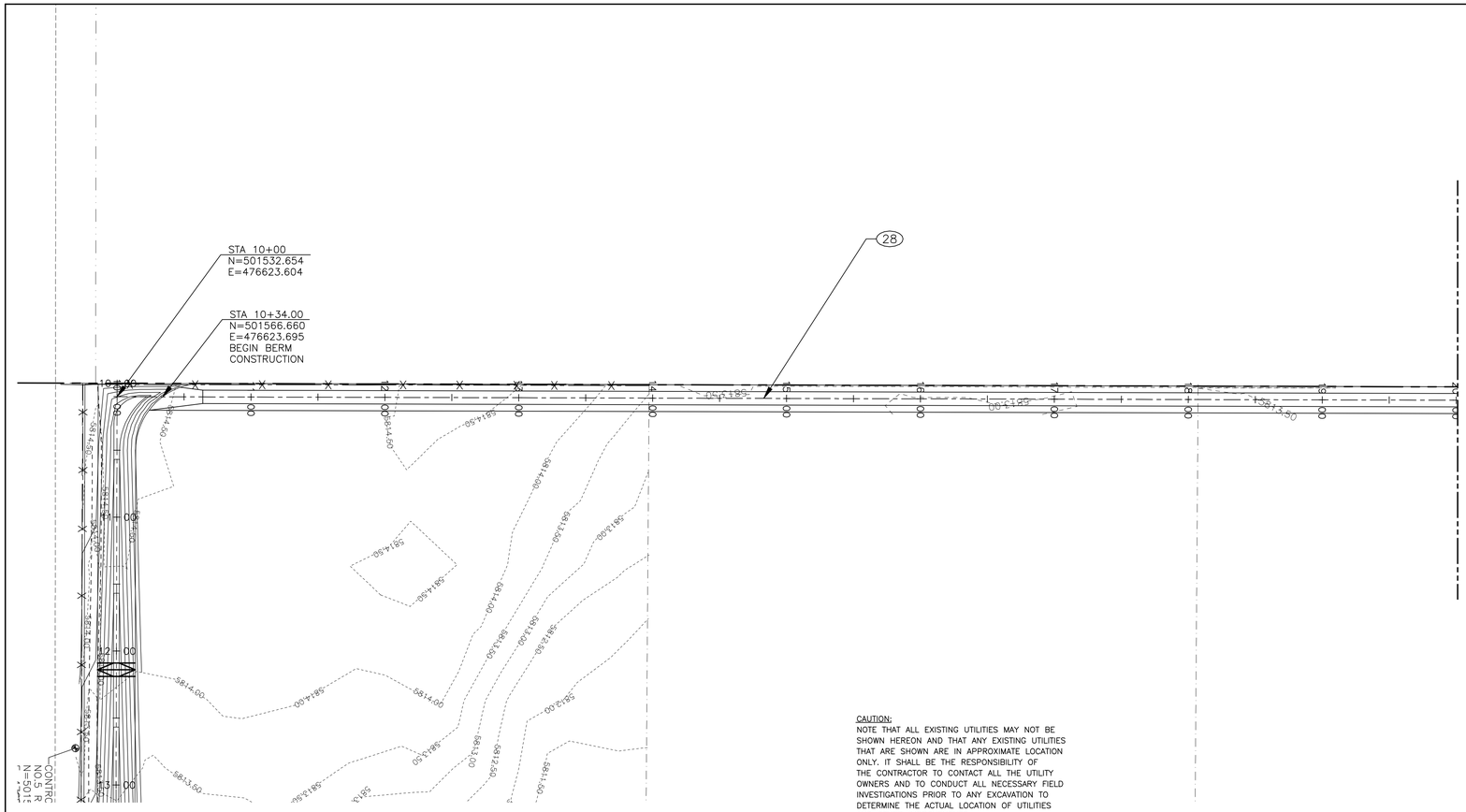
City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C130	

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CAB-130 3/18/09 1:1

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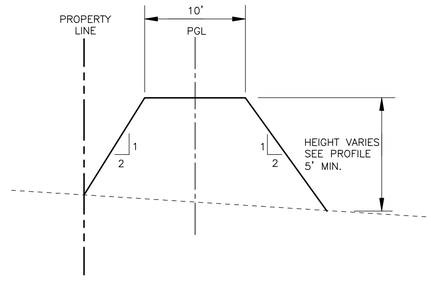
CAUTION:
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LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

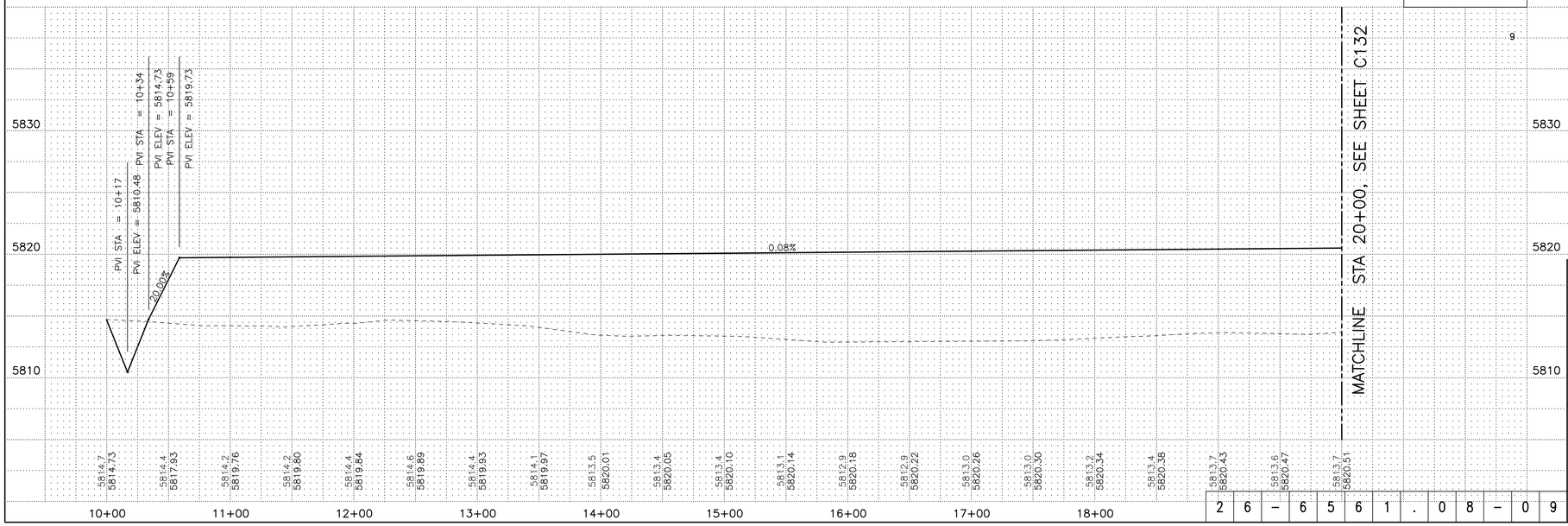
KEYED NOTES

(28) NEW FILLED BERM. TO BE CONSTRUCTED JUST EAST OF PROPERTY LINE. SEE SECTION BELOW.



TYPICAL BERM SECTION

SCALE: 1"=50' HORIZ
1"=5' VERT



RECORD DRAWING

DATE:	DRAWN BY:
03/18/0	JCB

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N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.243-0700
FAX: 505.243-0873
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY DATE
INSPECTION AS REQUIRED BY DATE
ACCEPTANCE BY DATE
FINAL VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JOHN M. BRIGNAC 10997 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
I, JOHN M. BRIGNAC, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY SIGNED AND SEALED BY ME.
DRAWING SIGNED BY ME ON 06/22/07

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY	CWG/RPA	DATE MARCH 07	
DRAWN BY	CWG/RPA	DATE MARCH 07	
CHECKED BY	JMP	DATE MARCH 07	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

WEST BERM
PLAN AND PROFILE
STA 10+00 TO 20+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C131	

26-656108.08-09

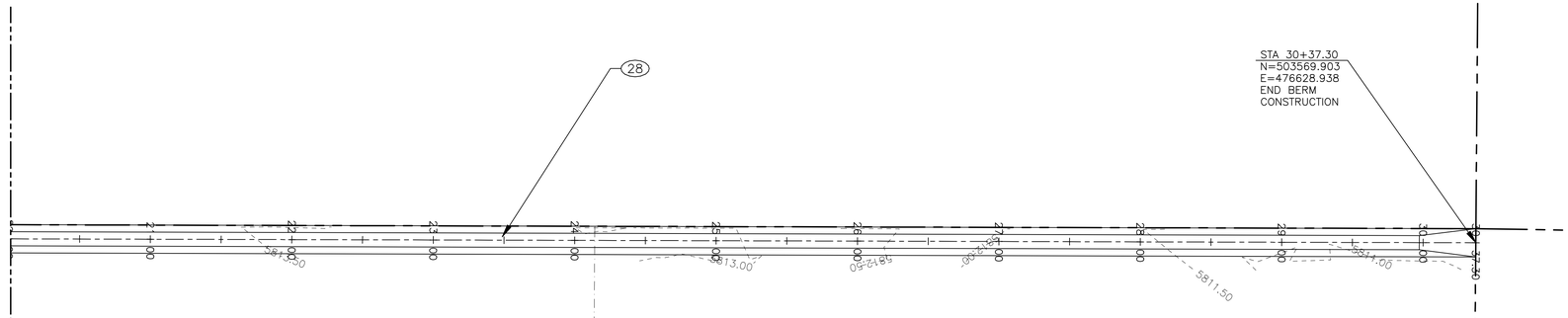
CAB-131 3/20/09 1:1

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REDRAWN FOR RECORD PURPOSES

SEE SHEET C131
MATCHLINE STA. 20+00



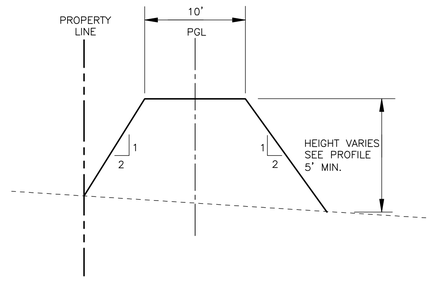
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LEGEND

- 5744.00 — EXISTING TOPOGRAPHY CONTOUR
- 5744.0 — NEW TOPOGRAPHY CONTOUR
- LANDSCAPE BUFFER
- LANDSCAPE TRAIL EASEMENT
- ROW
- PROPERTY LINE
- LOT BOUNDARY.
- EASEMENT

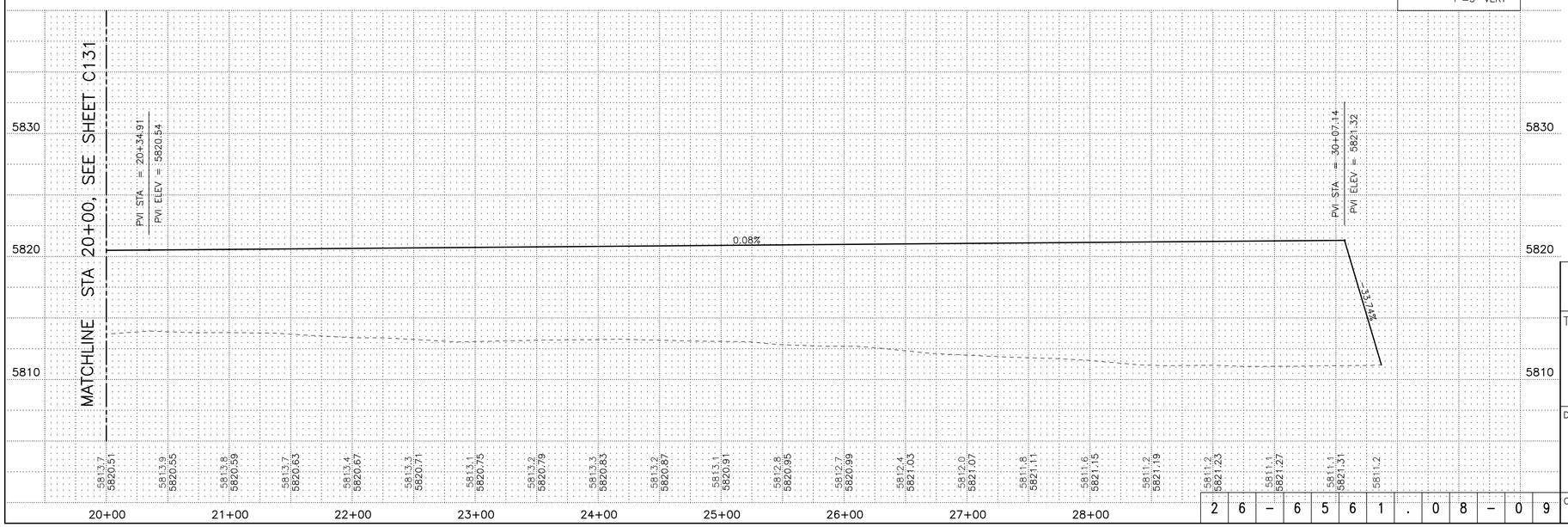
KEYED NOTES

(28) NEW FILLED BERM. TO BE CONSTRUCTED JUST EAST OF PROPERTY LINE. SEE SECTION BELOW.



TYPICAL BERM SECTION

SCALE: 1"=50' HORIZ
1"=5' VERT



RECORD DRAWING

DATE:	DRAWN BY:
03/18/09	JCB

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS ON INFORMATION COMPILED AND FURNISHED BY OTHERS. MOLZEN-CORBIN AND ASSOCIATES WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.

N

0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.343-0703
FAX: 505.243-0972
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION
CONTRACTOR WORK STARTED BY DATE
CONSTRUCTION IS ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JOHN M. PROVINE 10897 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARDCOPY VERSION OF THIS DRAWING SIGNED BY ME ON 06/21/2012

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY	CWG/RPA	DATE MARCH 07	
DRAWN BY	CWG/RPA	DATE MARCH 07	
CHECKED BY	JMP	DATE MARCH 07	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

WEST BERM
PLAN AND PROFILE
STA 20+00 TO 30+37.30

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C132	

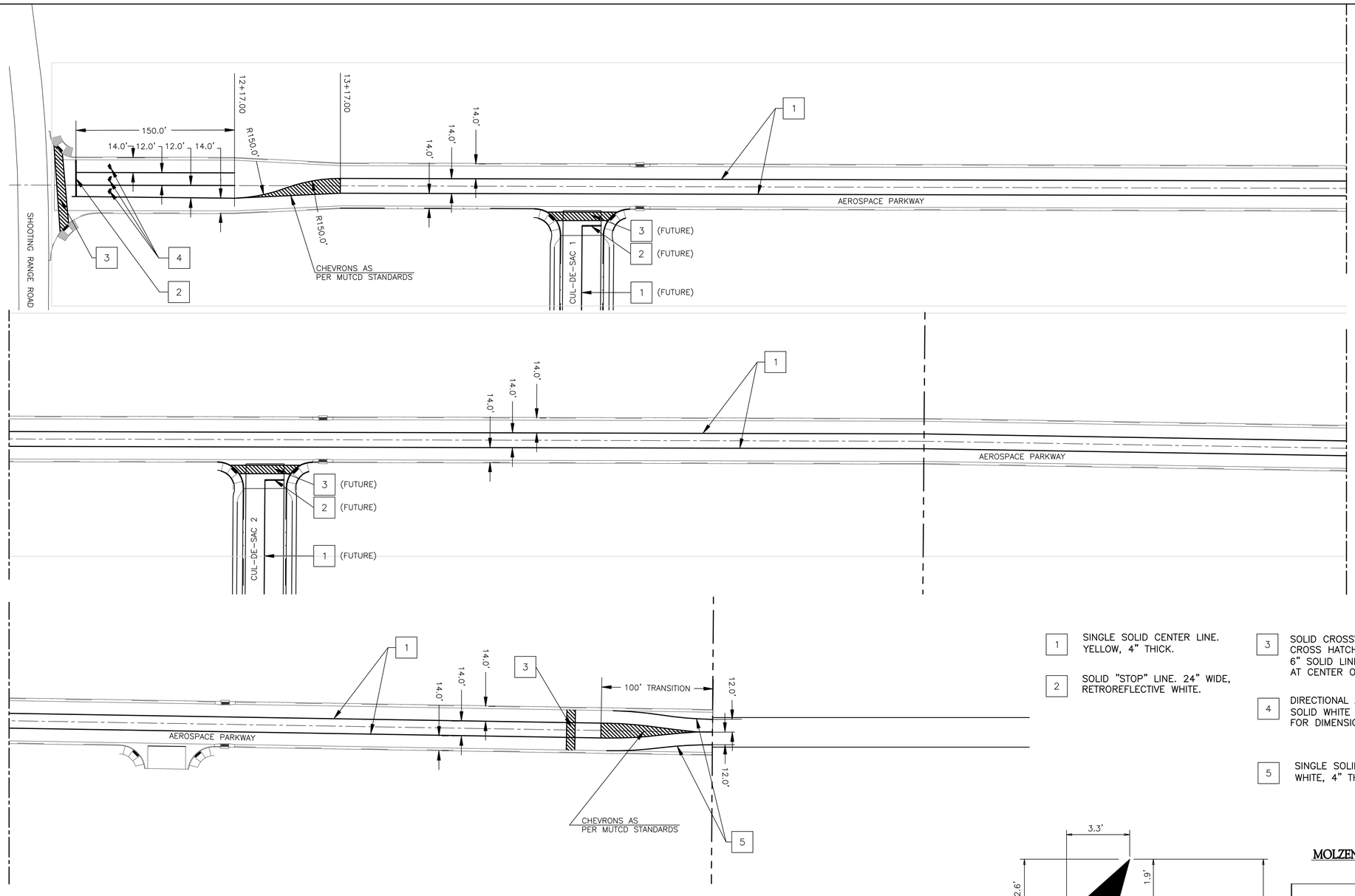
26-656108.08-09

REDRAWN FOR RECORD PURPOSES

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CAB-132 3/18/09 1:1

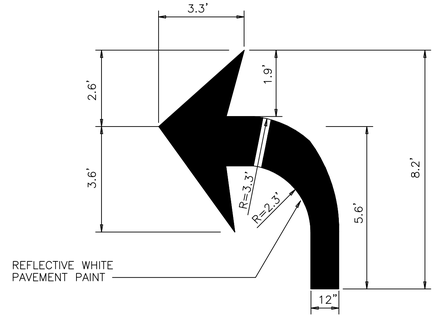


1. SINGLE SOLID CENTER LINE. YELLOW, 4" THICK.
2. SOLID "STOP" LINE. 24" WIDE, RETROREFLECTIVE WHITE.
3. SOLID CROSSWALK, 6' WIDE. CROSS HATCHED AT 30° WITH 6" SOLID LINES, WHITE. PLACED AT CENTER OF SIDEWALK RAMPS.
4. DIRECTIONAL ARROW MARKINGS. SOLID WHITE (LEFT (X2) AND RIGHT(X1)). FOR DIMENSIONS SEE THIS SHEET.
5. SINGLE SOLID CENTER LINE. WHITE, 4" THICK.

NOTE: ALL SIGNS AND MARKINGS SHALL COMPLY WITH MUTCD STANDARDS AND SPECIFICATIONS.

N

0 10' 20' 50' 100'



TYPICAL TURN ARROW

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.242-5700
FAX: 505.242-5975
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY CWG/RPA	DATE JULY 07
		DRAWN BY CWG/RPA	DATE JULY 07
		CHECKED BY JMP	DATE JULY 07

ENGINEER'S SEAL

JOHN M. BROONE
NEW MEXICO
10897
PROFESSIONAL ENGINEER

I, JOHN M. BROONE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY PLAN SET FOR WHICH I HAVE DRAWING SIGNED BY ME ON 06/22/07

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION

CONTRACTOR
WORK STARTED BY DATE
WORK COMPLETED BY DATE
ACCEPTANCE BY DATE
AS-BUILTS BY DATE
VERIFICATION BY DATE
DRAWINGS COMPILED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

MARKING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

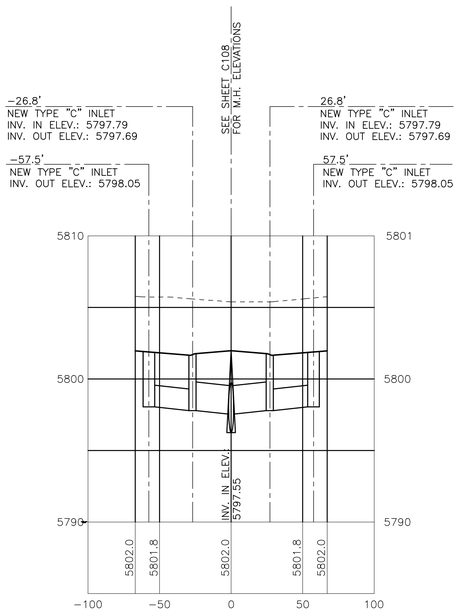
City Project No. 656108 | Zone Map No. E-6 | Sheet C-133 Of

DRC No. 2 6 - 6 0 5 6 1 . 0 8 - 0 9

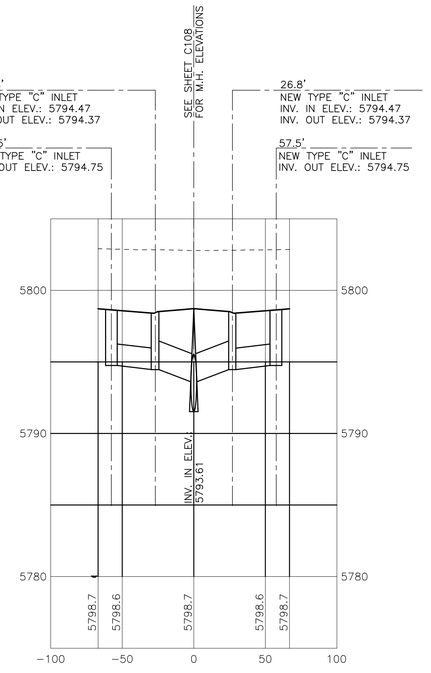
REDRAWN FOR RECORD PURPOSES

CAB-133 3/20/09 1:1

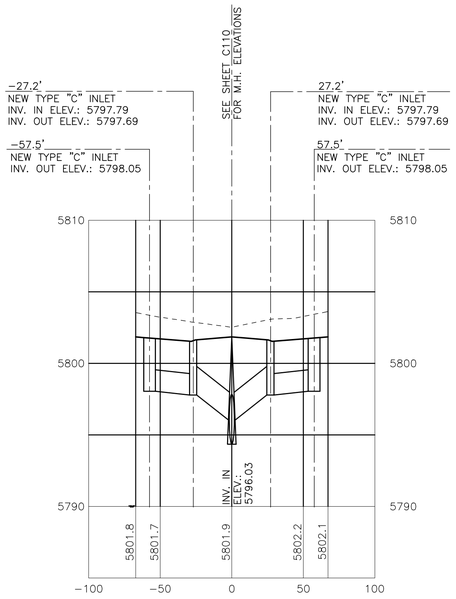
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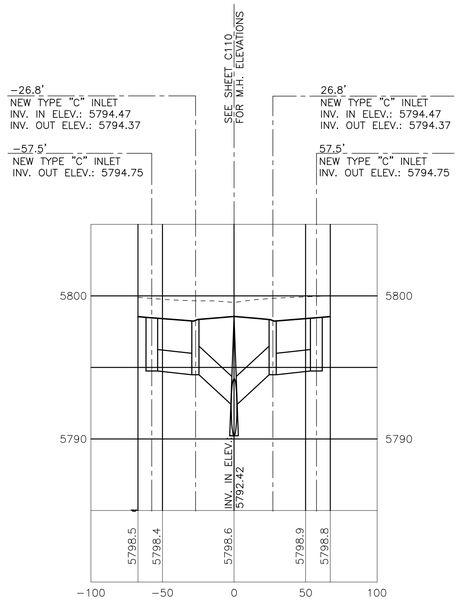
CUL−DE−SAC 1 − INLET SET A



CUL−DE−SAC 1 − INLET SET B



CUL−DE−SAC 2 − INLET SET A



CUL−DE−SAC 2 − INLET SET B

RECORD DRAWING	
DATE: 03/18/0	DRAWN BY: JCB

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0 10' 20' 50' 100'

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.343-0703
FAX: 505.343-0973
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY CWG/RPA	DATE MARCH 07
		DRAWN BY CWG/RPA	DATE MARCH 07
		CHECKED BY JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

CUL−DE−SAC INLET SECTIONS (FUTURE)

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E−6	C301	

2 6 − 6 5 6 1 . 0 8 − 0 9

REDRAWN FOR RECORD PURPOSES

AS BUILT INFORMATION
CONTRACTOR DATE
WORK STARTED BY DATE
INSPECTIONS DATE
ACCEPTANCE BY DATE
FINAL VERIFICATION BY DATE
DRAWINGS CONVERTED BY DATE
MICRO−FILM INFORMATION
RECORDED BY DATE
NO.

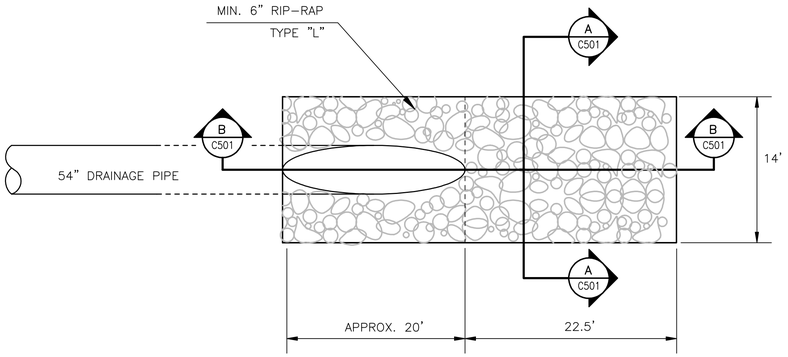
BENCH MARKS

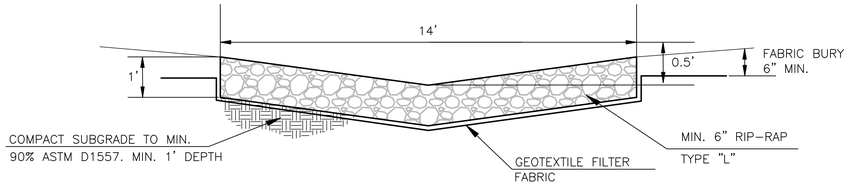
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

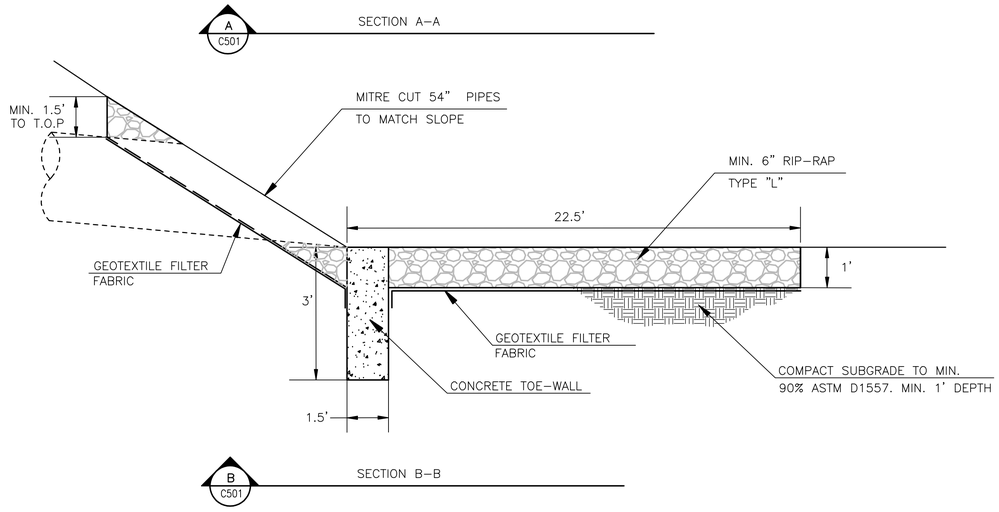
ENGINEER'S SEAL
JOHN M. PROVINE 10897 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
I, JOHN M. BROWNE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO HARD COPY DRAWING SIGNED BY ME ON 06/22/22

CAB−301 3/20/09 1:1

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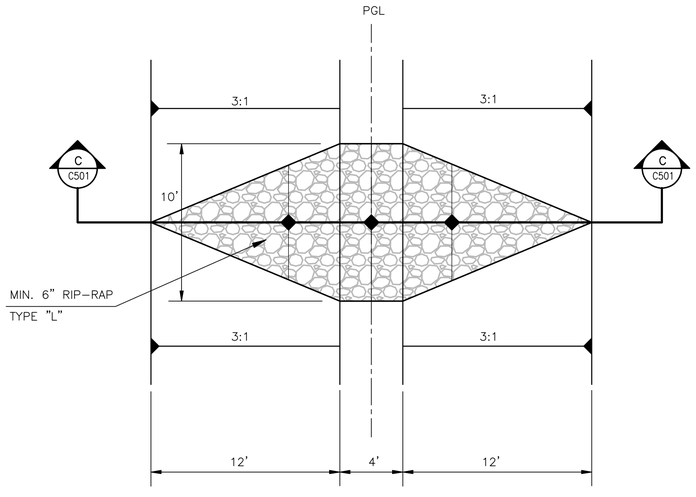


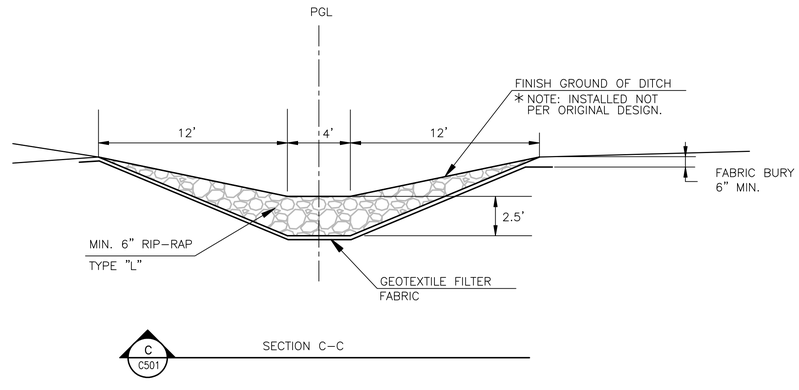


STORM DRAIN/ POND EROSION CONTROL

RIP-RAP DETAIL

SCALE: NONE





DITCH EROSION CONTROL

CHECK DAM

SCALE: NONE

9

RECORD DRAWING	
DATE: 03/18/0	DRAWN BY: JCB

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ENGINEERS/ARCHITECTS/PLANNERS

AS BUILT INFORMATION

CONTRACTOR WORK STARTED BY DATE
FINAL INSPECTION BY DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. PROVINE NEW MEXICO 10897 REGISTERED PROFESSIONAL ENGINEER

I, JOHN M. PROVINE, CERTIFY THAT THIS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY SIGNED AND SEALED DRAWING SIGNED BY ME ON 06/22/22

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		CWG/RPA	DATE MARCH 07
DRAWN BY		CWG/RPA	DATE MARCH 07
CHECKED BY		JMP	DATE MARCH 07

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DOUBLE EAGLE II AEROSPACE TECHNOLOGY PARK INFRASTRUCTURE

EROSION CONTROL DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
656108	E-6	C501	

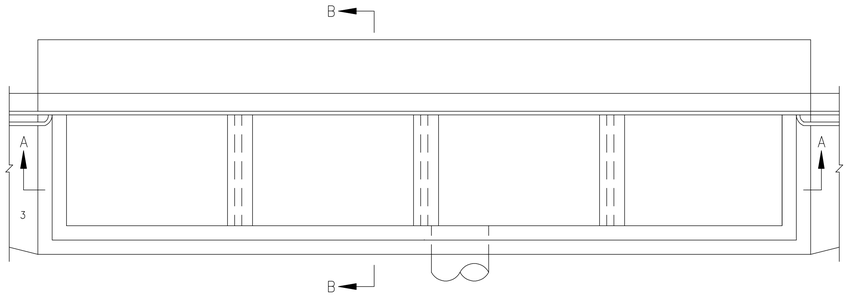
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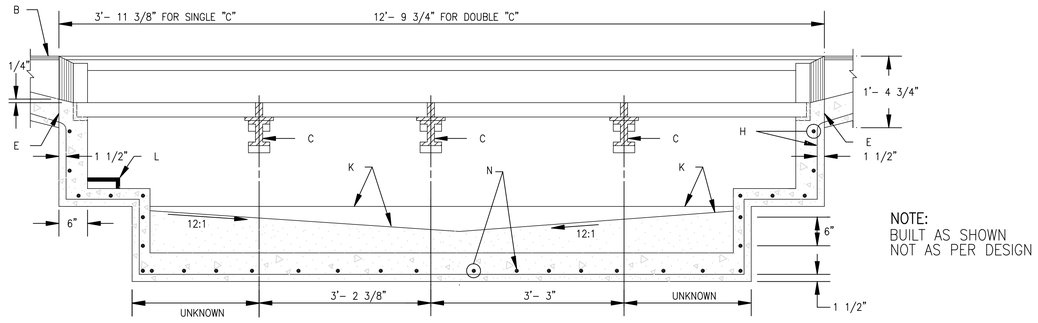
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CAB-501 3/20/09 1:1

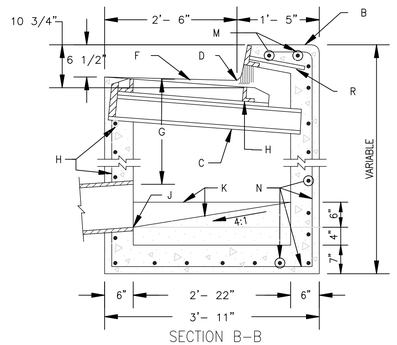


PLAN

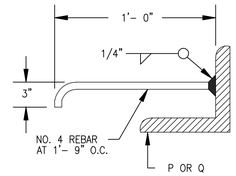


NOTE:
BUILT AS SHOWN
NOT AS PER DESIGN

SECTION A–A



SECTION B–B



ANCHOR DETAIL

GENERAL NOTES :

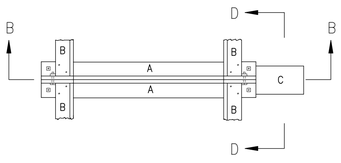
1. FOR SINGLE GRATE TYPE STORM INLET DELETE CENTER SUPPORT AND MOVE ONE END WALL TO FORM NEW SINGLE GRATE INLET.
2. FOR STORM INLET GUTTER TRANSITION, SEE BELOW.
3. OUTLET PIPE SIZE, PER DESIGN REQUIREMENT.
4. FOR FRAME & GRATING, SEE DWG. W–502.
5. FOR ANCHOR SEE DETAIL.
6. FOR CENTER SUPPORT ASSEMBLY, SEE DWG. THIS SHEET.

CONSTRUCTION NOTES :

A. GUTTER TRANSITION.
B. TOP OF CURB.
C. CENTER SUPPORT ASSEMBLY.
D. FLOWLINE.
E. CONSTRUCTION JOINT.
F. NORMAL GUTTER LINE.
G. 1'–10" MIN., UNLESS OTHERWISE DIRECTED.
H. FRAME AND GRATE.
J. INVERT OF OUTLET PIPE.
K. CONCRETE FILL, MINIMUM SLOPES AS SHOWN.
L. FOR STORM INLET DEPTHS GREATER THAN 4' INSTALL STD STEPS, SEE BELOW, UPSTREAM SIDE.
M. EXTEND NO. 4 REBARS 18" INTO CURB ON EACH SIDE OF STORM INLET.
N. NO. 4 BARS AT 6" O.C.
P. 3 1/2" X 3 1/2" X 1/2" X 4' – 0" FOR SINGLE GRATE TYPE "C" STORM INLET.
Q. 3 1/2" X 3 1/2" X 1/2" X 7' – 6" FOR DOUBLE GRATE TYPE "C" STORM INLET.
R. ANCHOR.

STORM INLET DOUBLE "C"

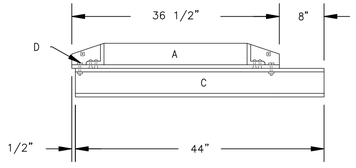
N.T.S.



PLAN
ASSEMBLY FOR DOUBLE "C" CATCH BASIN

GENERAL NOTES:

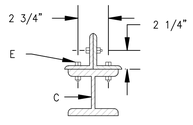
1. ALL BOLTS USED IN CENTER SUPPORT ASSEMBLY SHALL BE 1/2".
2. FRAME MAY BE RIVETED OR WELDED.
3. BOLTS (NOT RIVETS OR WELDS) SHALL BE USED TO JOIN TWO OR MORE FRAMES TOGETHER AND TO THE W" BEAM.
4. AFTER CLEANING SURFACE OF SCALE, RUST, ETC., GRATING, FRAME AND CENTER SUPPORT SHALL BE PAINTED WITH ONE SHOP COAT RED OXIDE, TWO FINISH COATS ALUMINUM PAINT (AASHTO M 69).
5. FOR SINGLE TYPE CATCH BASIN, MOVE ONE END WALL TO FORM NEW SINGLE GRATE CATCH BASIN.



SECTION B–B

CONSTRUCTION NOTES:

A. 4" X 3" X 1/2" X 36 1/2" ∠ .
B. 3 1/2" X 3" X 3/8" X 40 3/8" ∠ .
C. 5 X 5 WF 18.5 FLANGE BEAM, FOR CATCH BASIN TYPE DOUBLE "C".
D. 5 X 5 WF 18.5 FLANGE BEAM, FOR CATCH BASIN TYPE DOUBLE "D".
E. 1/2" BOLTS, WITH NUTS TO SECURE ANGLE TO BEAM.
F. FOR FRAME & GRATE SEE DWGS. W–502



SECTION D–D

STORM INLET CENTER SUPPORT ASSEMBLY

N.T.S.

9

CAB–502 3/20/09 1:1

RECORD DRAWING	
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BENCH MARKS

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

ENGINEER'S SEAL

JOHN M. BROADIE, NEW MEXICO, 10997, REGISTERED PROFESSIONAL ENGINEER

I, JOHN M. BROADIE, CERTIFY THAT THIS DRAWING IS ELECTRONIC VERSION IS IDENTICAL TO THE HARD COPY SIGNED AND SEALED BY ME. THIS DRAWING SIGNED BY ME ON 06/22/07

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		DESIGN	

DESIGNED BY RPA DATE MARCH 07
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ENGINEERING DEVELOPMENT GROUP

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STORM DRAIN DETAIL

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City Project No.	Zone Map No.	Sheet	Of
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