



CONSTRUCTION PLANS FOR BALLOON FIESTA PARK PHASE 5-UTILITIES PACKAGE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT-Managing Department
Park Design & Construction Division

March 28, 2007
Parks & Recreation Department-Owner

UTILITY COMPANY CONTACTS

CITY OF ALBUQUERQUE UTILITY DEVELOPMENT

P.O. BOX 1293
ALBUQUERQUE, NE MEXICO 87103
(505) 768-2719

PNM-ELECTRIC

4201 EDITH BOULEVARD NE
ALBUQUERQUE, NEW MEXICO 87107
(505) 241-0525

PNM-GAS

4625 EDITH BOULEVARD NE
ALBUQUERQUE, NEW MEXICO 87107
(505) 241-7745

QWEST

201 THIRD STREET NW SUITE 700
ALBUQUERQUE, NEW MEXICO 87103
(505) 245-8706

INDEX

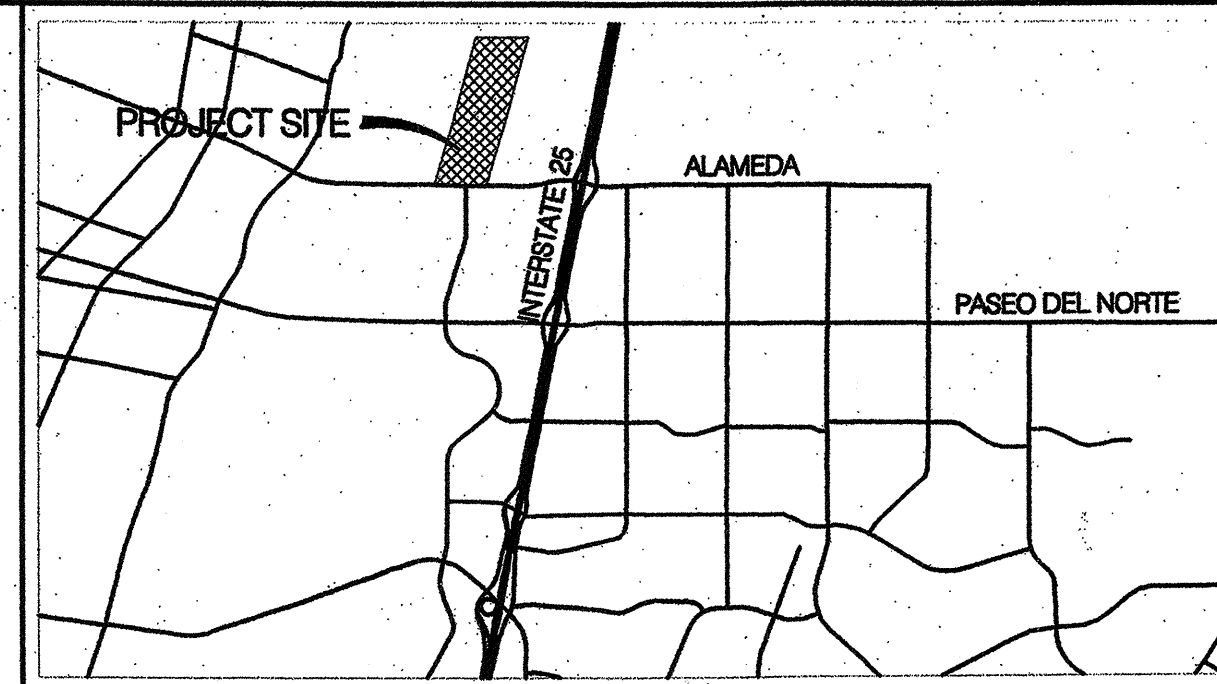
SHEET NUMBER

DESCRIPTION

1	COVER SHEET
2	UTILITY SITE PLAN
3	SANITARY SEWER PLAN AND PROFILE - STA 0+00 TO 12+00
4	SANITARY SEWER PLAN AND PROFILE - STA 12+00 TO 17+32.32
5	STORM DRAIN PLAN AND PROFILE - STA 0+00 TO 10+55.59
6	STORM DRAIN LATERAL

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
3. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
4. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERE TO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
5. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
6. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
7. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE)
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
10. ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR.
11. THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN SUBMITTED AND APPROVED PER SECTION 19.2 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
14. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
15. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
16. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.
17. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
18. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
19. PAVEMENT DROP-OFFS DURING CONSTRUCTION. CONTRACTOR TO PROVIDE AND MAINTAIN TEMPORARY TRANSITIONS DURING THE DURATION OF THE PROJECT.
20. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES AND SCHEDULES SUCH THAT THEY WILL NOT INTERFERE WITH SCHEDULED EVENTS AND NORMAL ACTIVITIES AT THE BALLOON FIESTA PARK AND BALLOON MUSEUM. THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION SCHEDULE AS SPECIFIED IN SSP SECTION 1.4 THAT ILLUSTRATES THE CONTRACTOR'S ACTIVITIES RELATIVE TO SCHEDULED EVENTS AND OBTAIN APPROVAL FROM THE ENGINEER.
21. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE BIDIRECTIONAL ACCESS TO THE RESTAURANT AND GOLF CENTER AT THE BALLOON FIESTA PARK. TRAFFIC CONTROL SHALL CONFORM TO COA STANDARDS AND THE MUTCD.



VICINITY MAP
ZONE MAP NO. B-17-Z

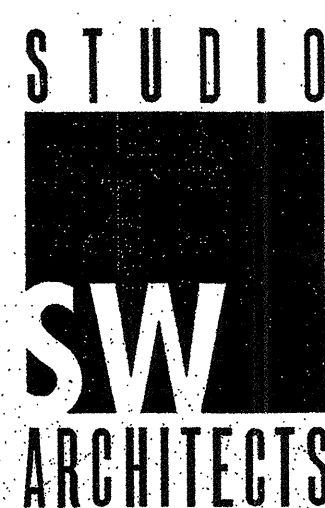
NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH AMENDMENT 1 TO UPDATE No.7.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT, TO THE CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR AT THEIR OWN EXPENSE TO THE SAME LOCATION AS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISION (857-8200) SEVEN WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION THREE (3) DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSIONED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

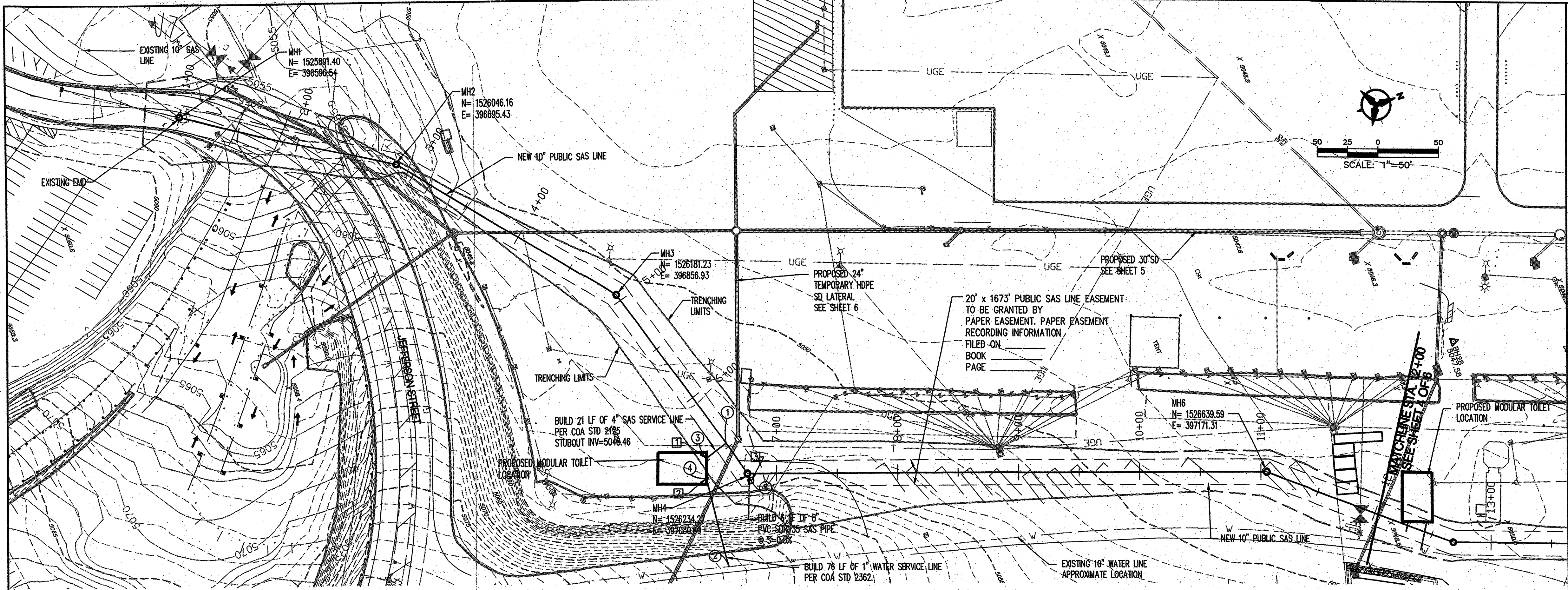
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		Stephen Woodall		4-9-07	
		Transportation		MJS		4/6/07	
		Water/Wastewater		William G. Bishop		4/6/07	
		Hydrology		Bradley L. Bishop		4/6/07	
		Parks					
		Const. Mngmt.					
		Const. Coord.					
		NMU					
		Environmental					
		Health					
		CITY PROJECT NO.		7997.92		SHEET 1 OF 6	



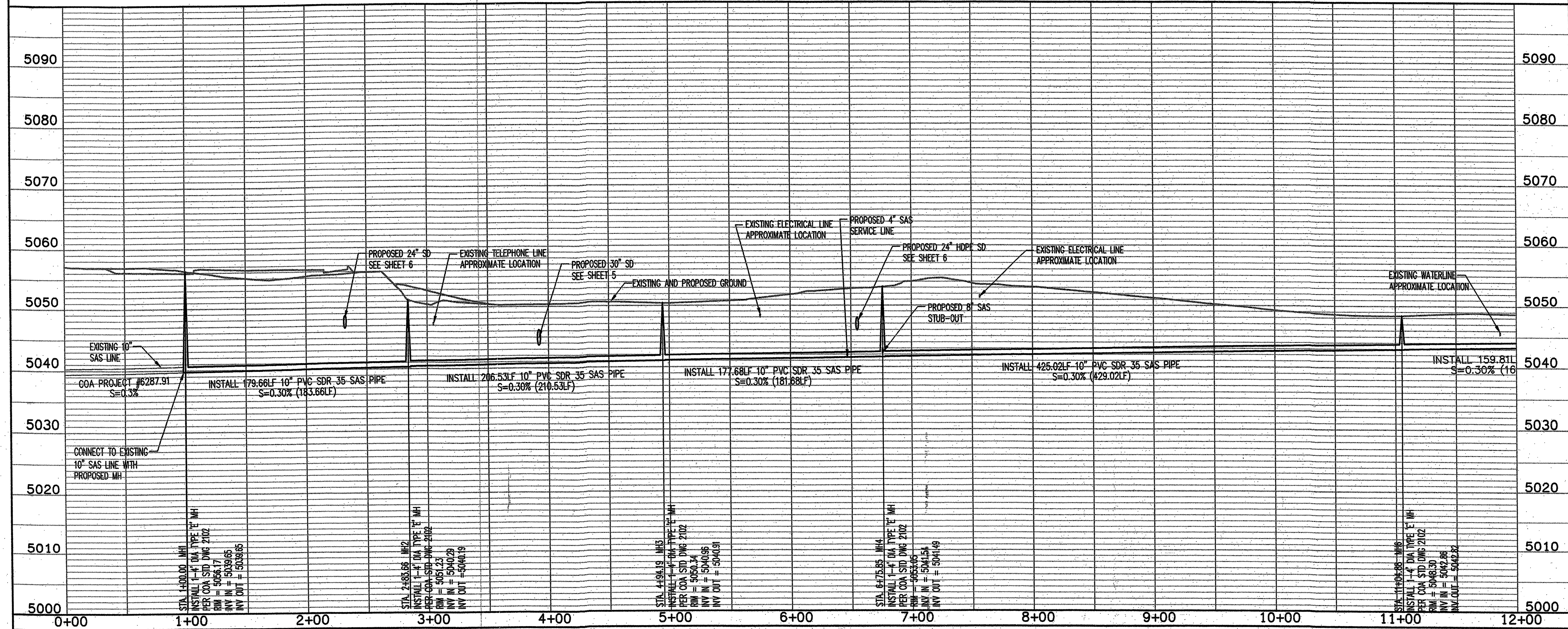
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ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES
Courtney | 7500 Jefferson St. NE, Albuquerque, NM 87109-4335



AREA 3-SANITARY SEWER STA 0+00 - 12+00



GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. UTILITY FIELD VERIFICATION SHALL BE COORDINATED WITH AIBF - CONTACT SAM BAXTER AT 821-1000. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF EXISTING MILLINGS. ALL MILLINGS TO BE REPLACED WITH 4" THICK MILLINGS PER DETAIL ON SHEET 5.
3. CONTRACTOR RESPONSIBLE TO LOCATE EXISTING EMD AT STATION 1+00 TO TIE TO PROPOSED SAS LINE.

KEYED NOTES:

- 1. INSTALL 1-4" SAS CAP
- 2. INSTALL 1-1" WATERLINE CAP
- 3. INSTALL 1-8" SAS CAP AND 1-EMD PER COA STD 2145

POINT LOCATION TABLE		
	NORTHING	EASTING
1	1526225.68	397002.59
2	1526194.05	397087.69
3	1526206.19	397008.54
4	1526200.90	397022.85
5	1526235.09	397036.64

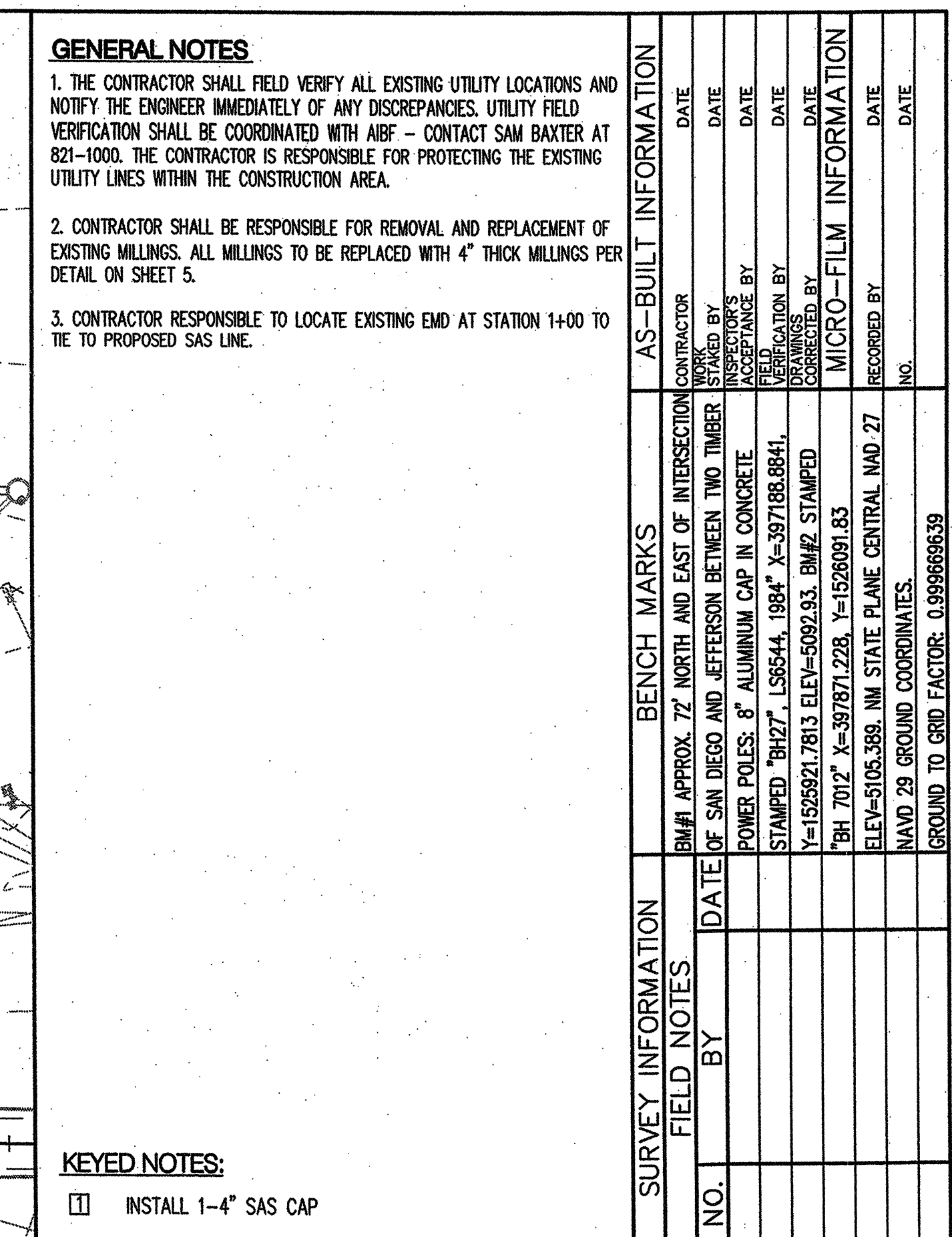
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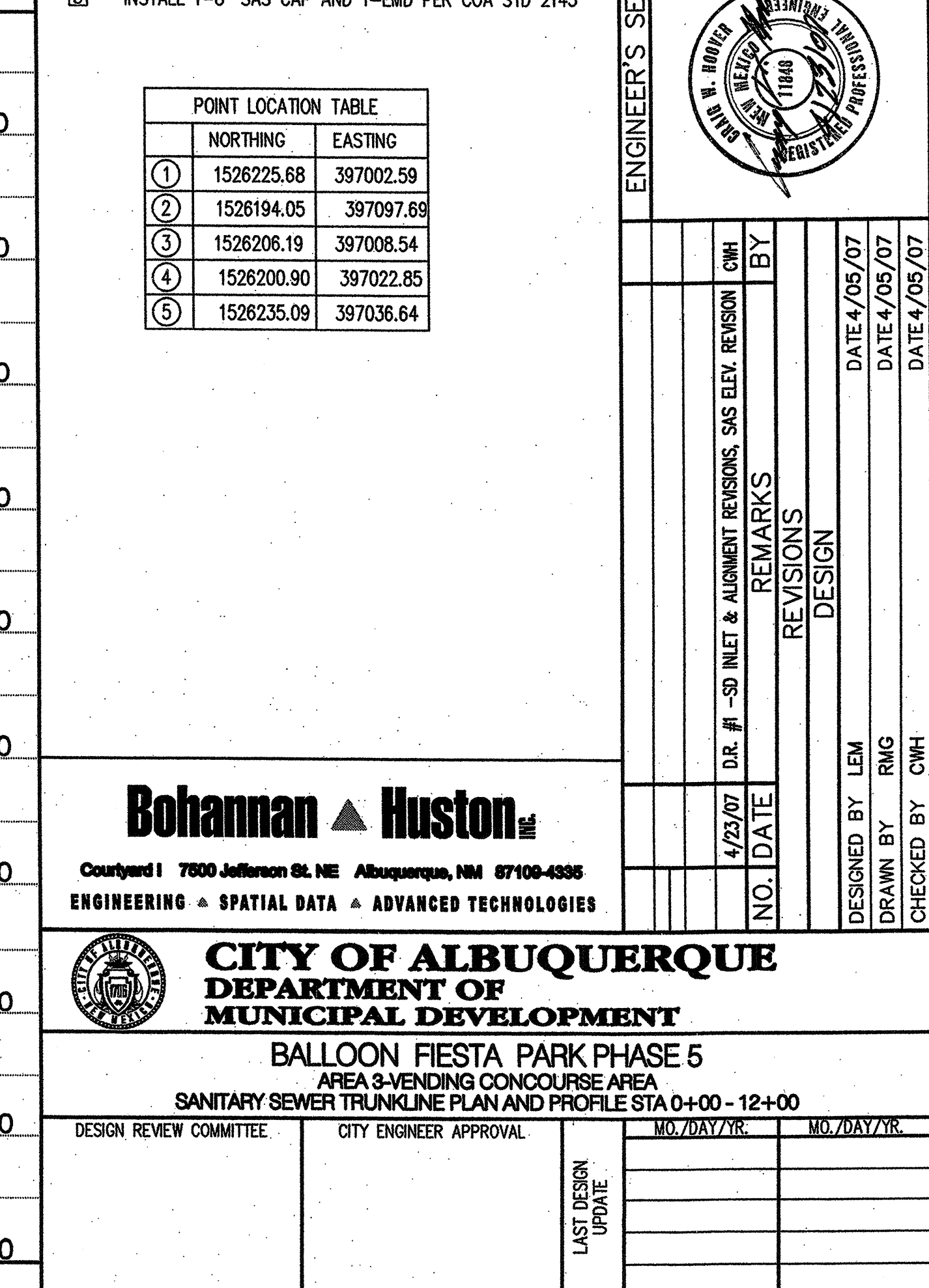
CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

BALLOON FIESTA PARK PHASE 5
AREA 3-VENDING CONCOURSE AREA
SANITARY SEWER TRUNKLINE PLAN AND PROFILE STA 0+00 - 12+00

DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		LAST DESIGN UPDATE	
DATE	BY	DATE	BY	DATE	BY
5/01/07	JVF	5/01/07	JVF	5/01/07	JVF
4/23/07	DMH	4/23/07	DMH	4/23/07	DMH
1	NO. DATE	1	NO. DATE	1	NO. DATE
REVISIONS	REMARKS	REVISIONS	REMARKS	REVISIONS	REMARKS
DESIGN		DESIGN		DESIGN	
DATE 5/01/07	DATE 5/01/07	DATE 5/01/07	DATE 5/01/07	DATE 5/01/07	DATE 5/01/07
DESIGNED BY EGC	DRAWN BY EGC	CHECKED BY JVF			

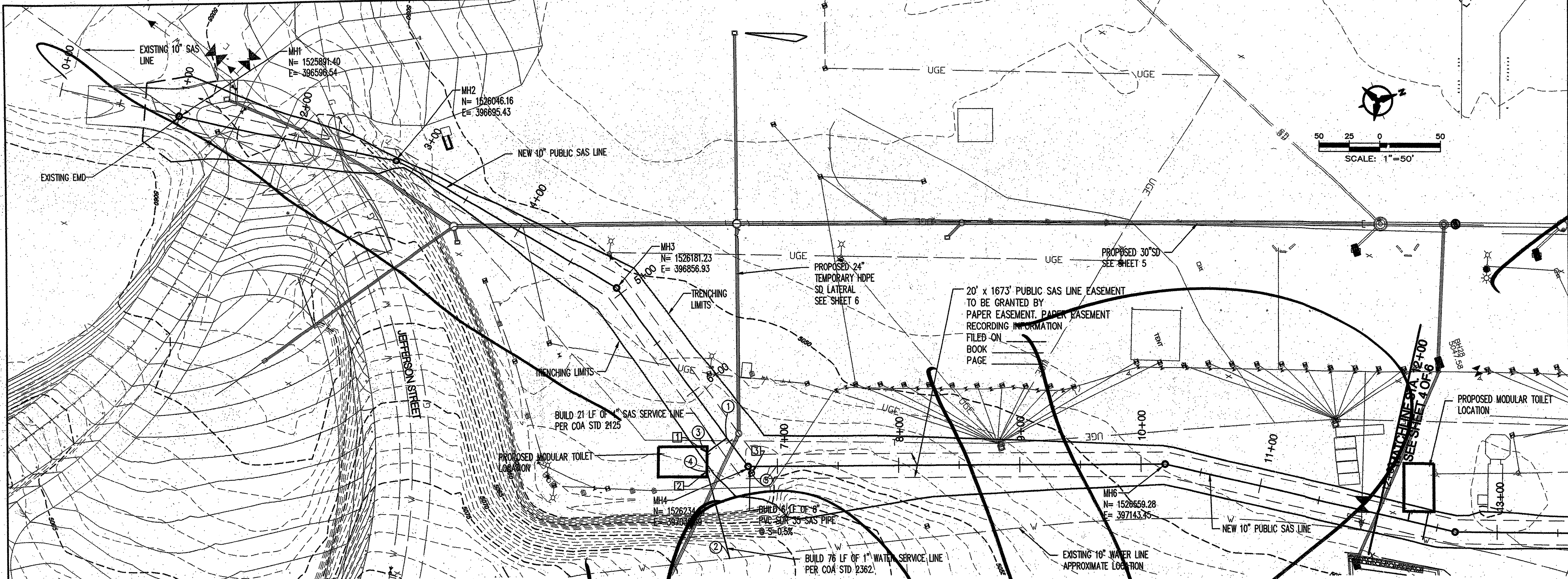


3 INSTALL 1-8" SAS CAP AND 1-EMD PER COA STD 2145

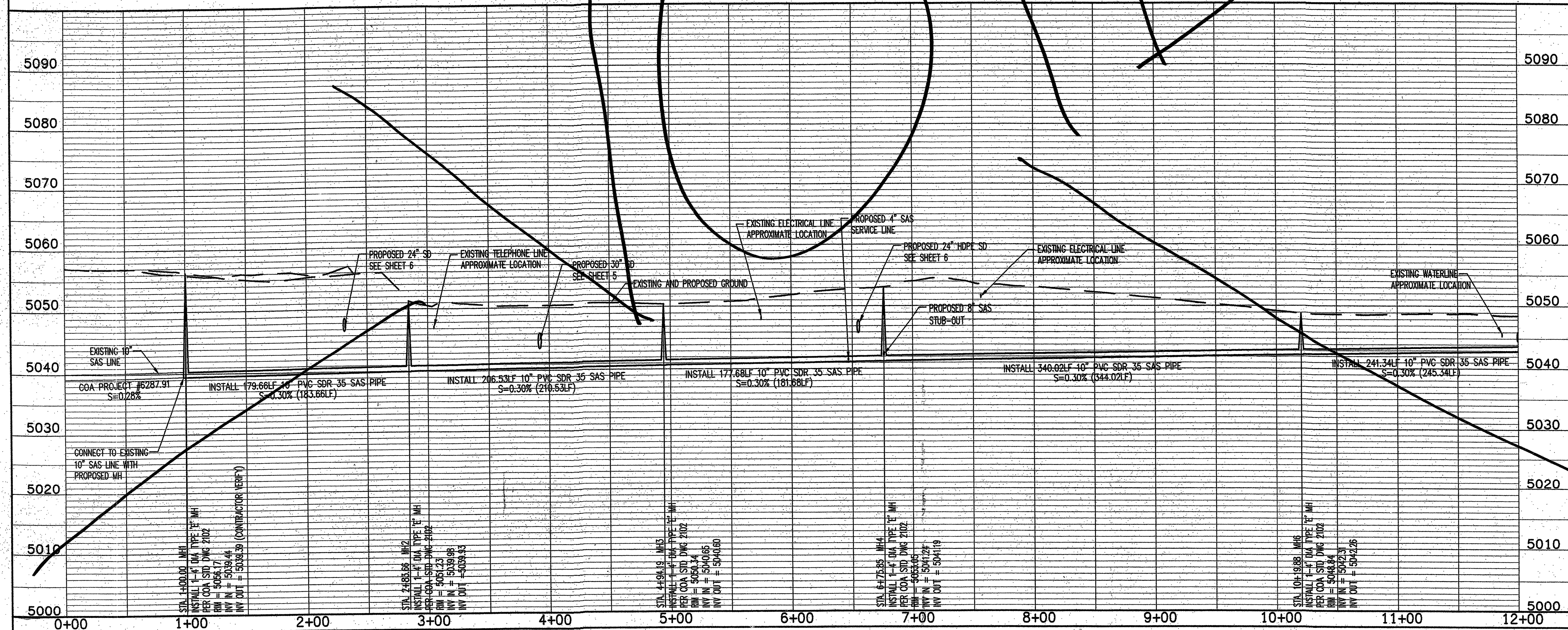


BHI JOB NO. 01206

CITY PROJECT NO.	7997.92	ZONE MAP NO.	B-17-Z	SHEET	OF	3R	6
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AREA 3-SANITARY SEWER STA 0+00 - 12+00



GENERAL NOTES

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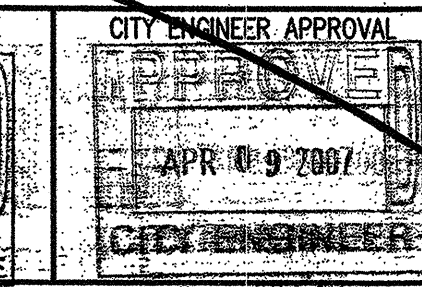
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CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

BALLOON FIESTA PARK PHASE 5
AREA 3-VENDING CONCOURSE AREA
SANITARY SEWER TRUNKLINE PLAN AND PROFILE STA 0+00 - 12+00



CITY PROJECT NO. 7997.92

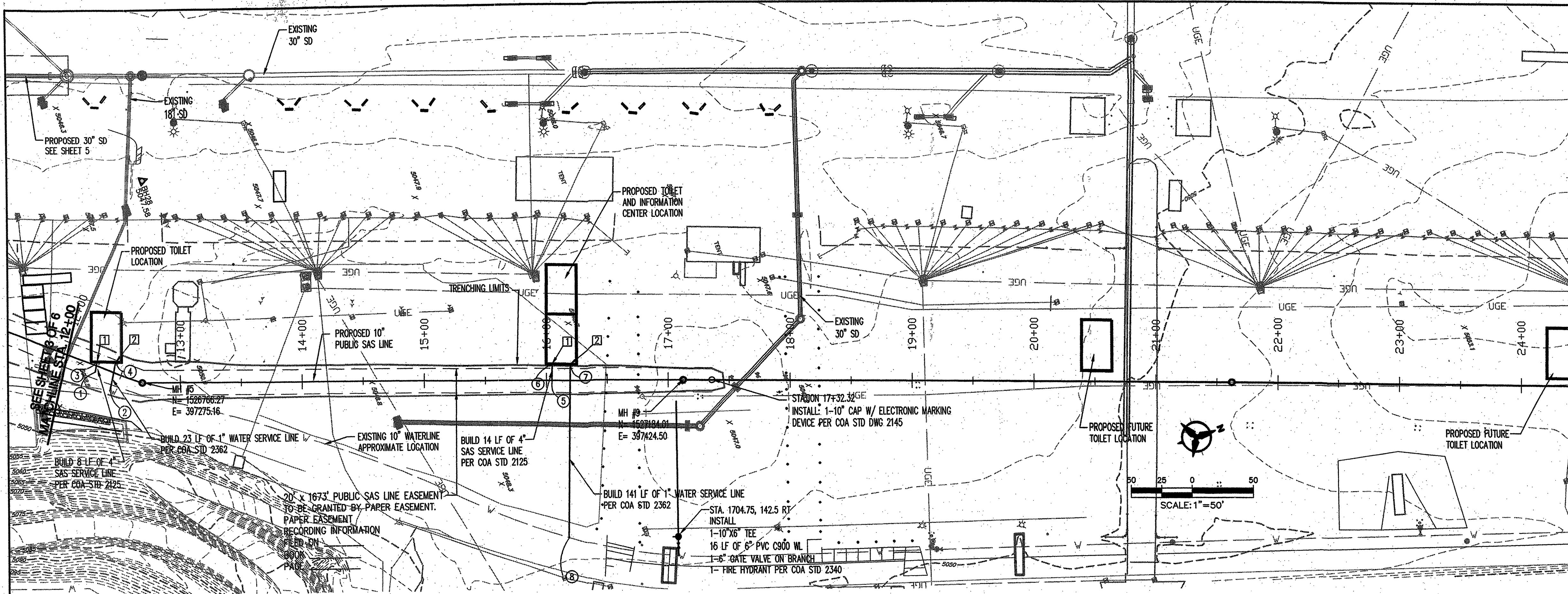
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SHEET 3 OF 6

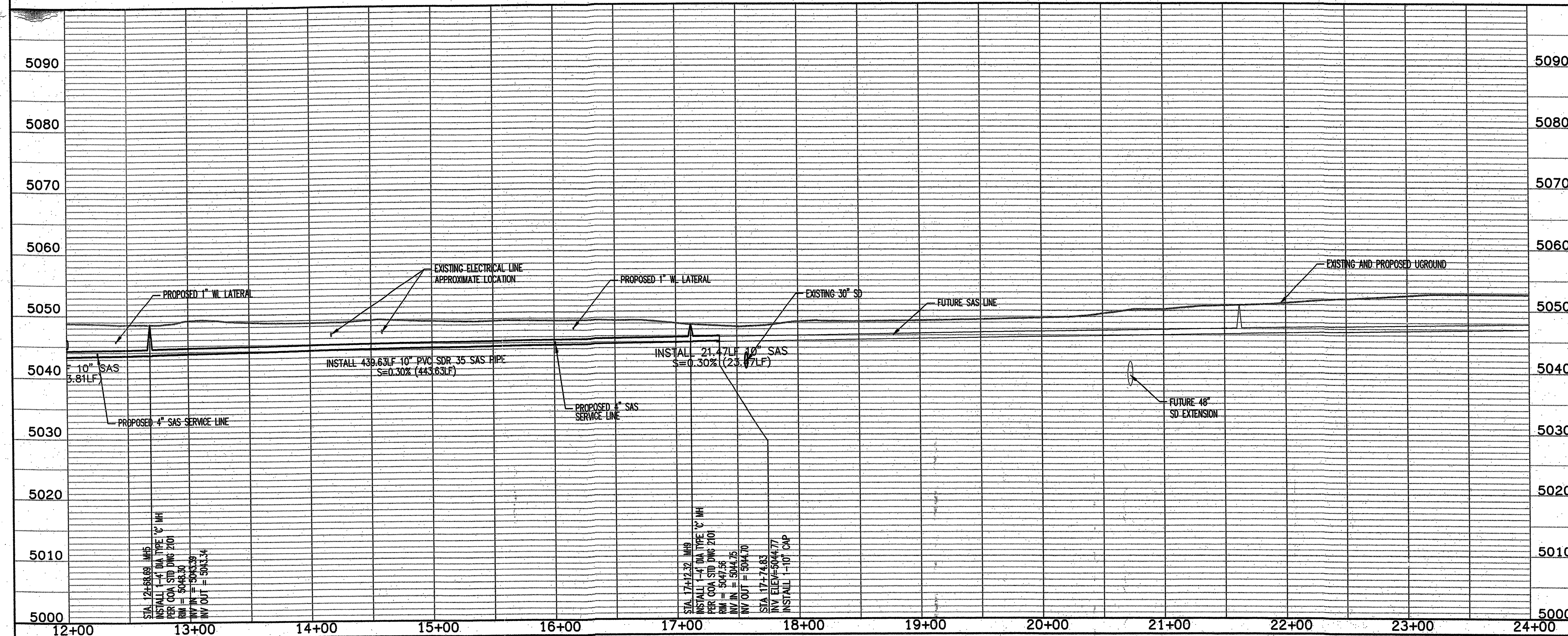
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BHI JOB NO. 01206

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)



AREA 3 - SANITARY SEWER STA 12+00 - 17+32.32



GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. UTILITY FIELD VERIFICATION SHALL BE COORDINATED WITH AIRB - CONTACT SAM BAXTER AT 821-1000. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF EXISTING MILLINGS. ALL MILLINGS TO BE REPLACED WITH 4" THICK MILLINGS PER DETAIL ON SHEET 5.
3. CONTRACTOR SHALL PROVIDE A MINIMUM 10' SEPARATION BETWEEN SAS LINE AND EXISTING WATERLINE.

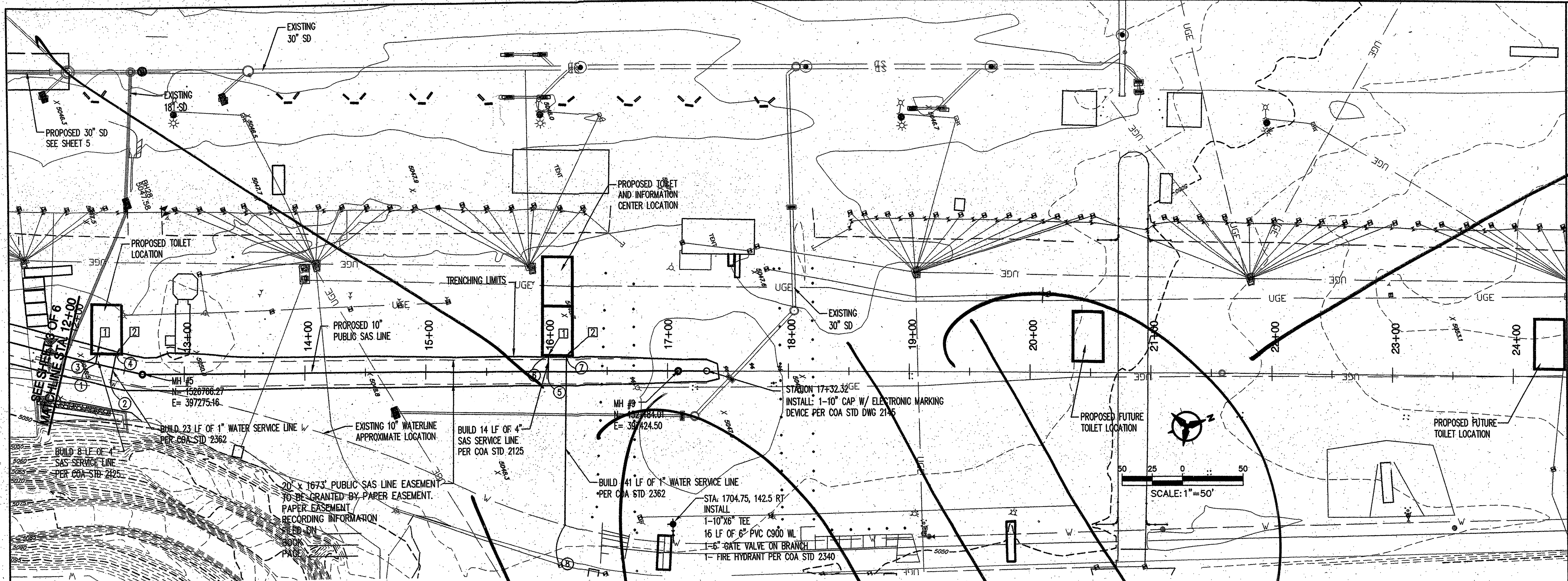
KEYED NOTES

1. INSTALL 1-4" SAS CAP.
2. INSTALL 1-1" WL CAP.

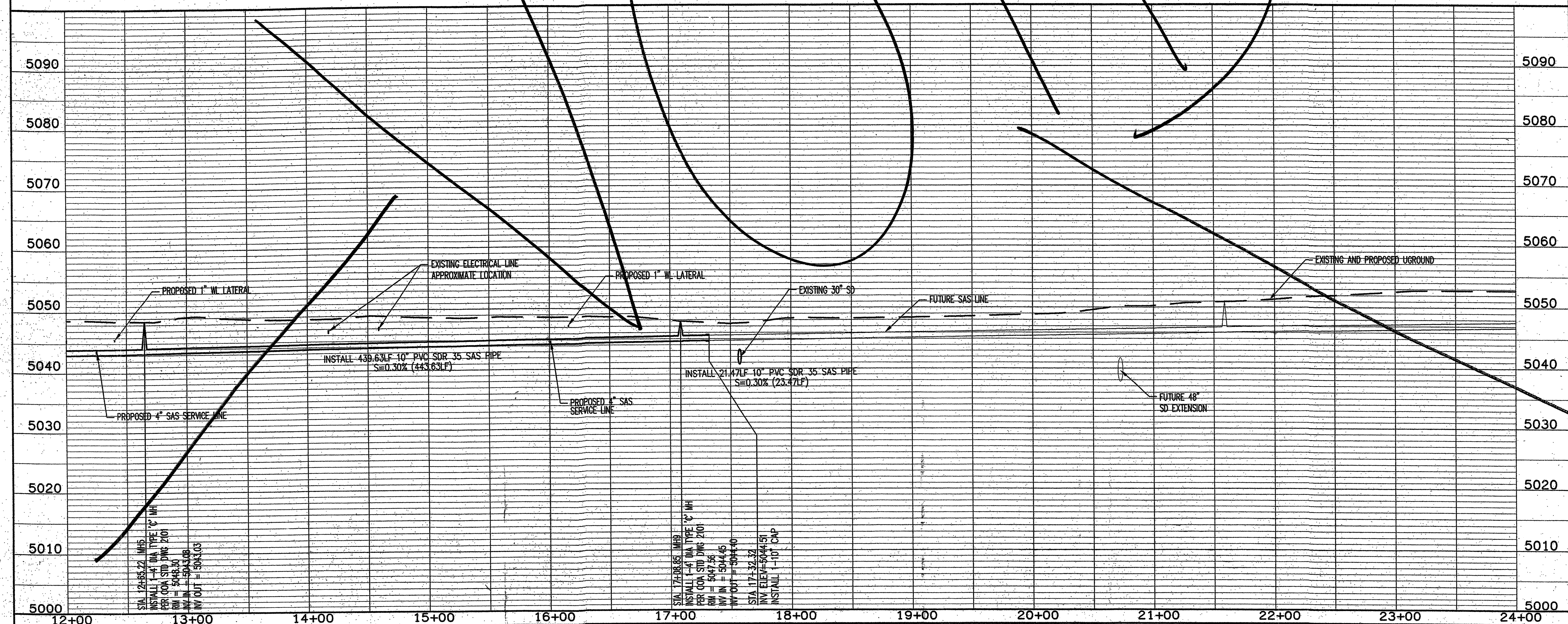
POINT LOCATION TABLE		
	NORTHING	EASTING
①	1526732.64	397253.77
②	1526738.99	397272.24
③	1526736.80	397246.93
④	1526751.13	397252.21
⑤	1527082.48	397388.21
⑥	1527087.05	397375.78
⑦	1527101.13	397380.96
⑧	1527052.51	397513.20

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BALLOON FIESTA PARK PHASE 5 AREA 3-VENDING CONCOURSE AREA SANITARY SEWER TRUNKLINE PLAN AND PROFILE STA 12+00-17+32.32	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
DATE 05/01/07	DATE 05/01/07
DRAWN BY EGC	CHECKED BY JVF
DATE 05/01/07	DATE 05/01/07
LAST DESIGN UPDATE	
CITY PROJECT NO. 7997.92	
ZONE MAP NO. B-17-Z	
SHEET 4R2 OF 6	



AREA 3 - SANITARY SEWER STA 12+00 - 17+32.32



GENERAL NOTES

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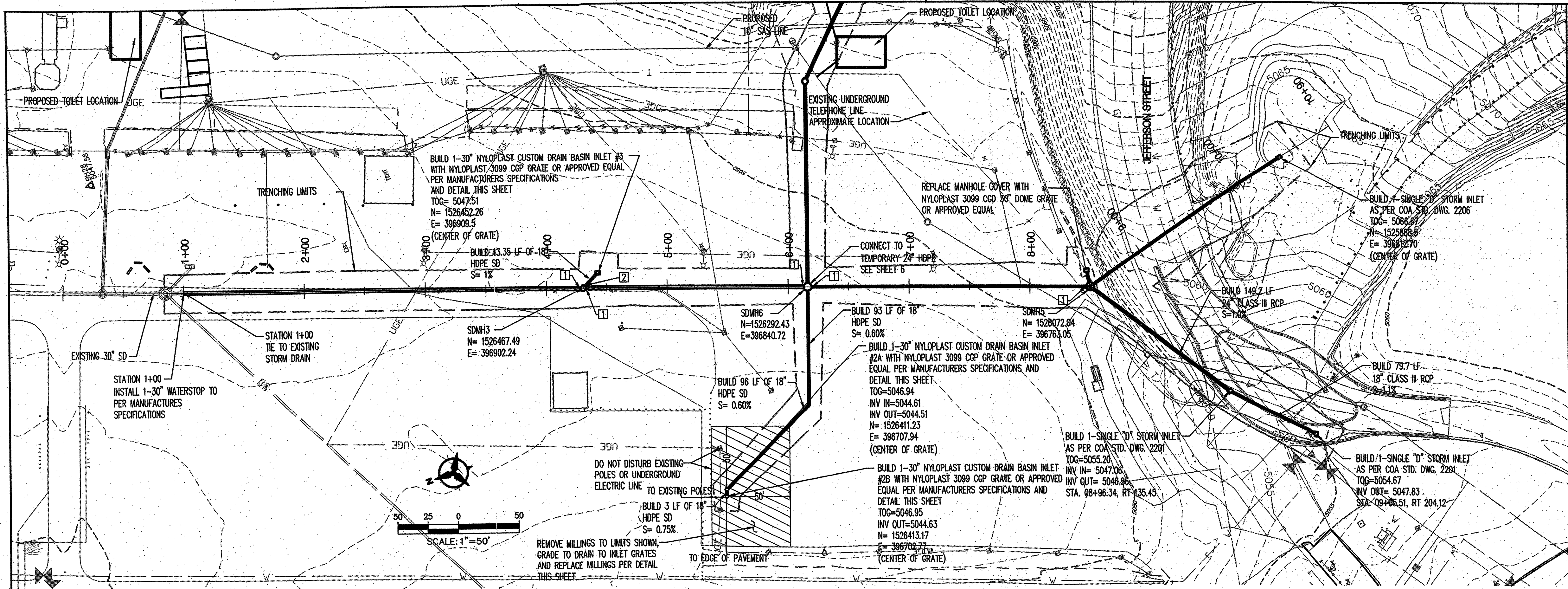
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BALLOON FESTA PARK PHASE 5
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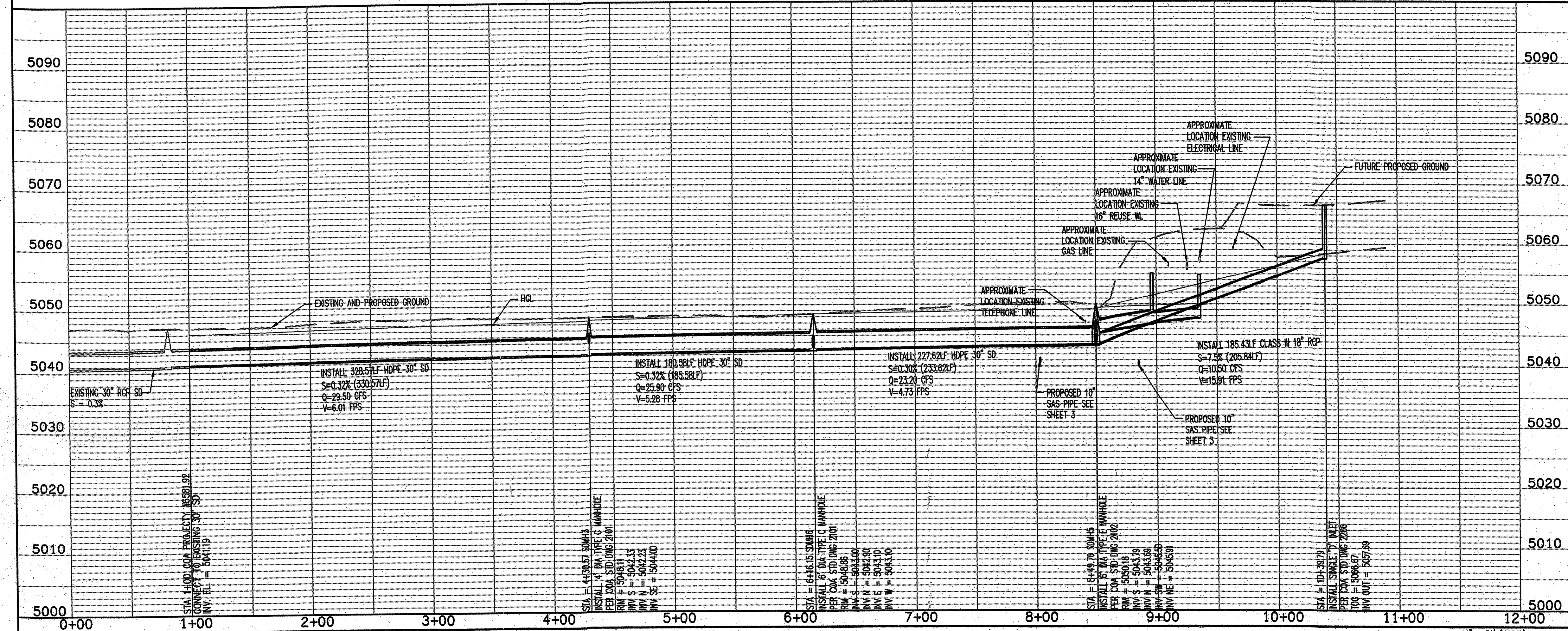
DESIGN REVIEW COMMITTEE
APPROVED
APR 09 2007

CITY ENGINEER APPROVAL
APPROVED
APR 09 2007

NO.	DATE	REVISIONS
1		DESIGN



AREA 3 - STORM DRAIN PLAN AND PROFILE STA 0+00.00 TO STA 10+55.59



GENERAL NOTES

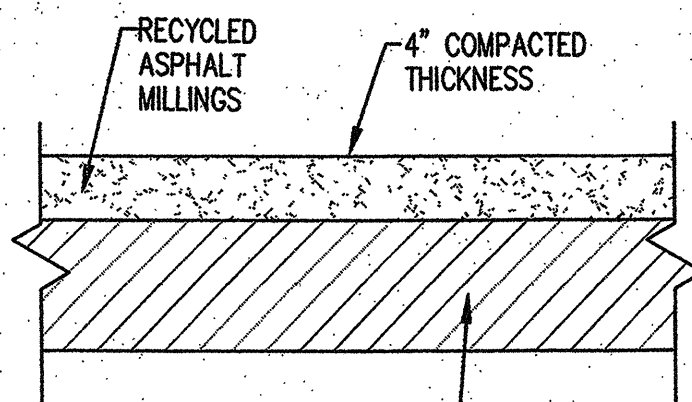
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2. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF EXISTING MILLINGS. ALL MILLINGS TO BE REPLACED WITH 4" THICK MILLINGS PER DETAIL THIS SHEET.

3. INSTALL HDPE PIPE AND WATER STOPS PER MANUFACTURERS SPECIFICATIONS.

KEYED NOTES:

- [1] INSTALL 1-30" WATERSTOP PER MANUFACTURERS SPECIFICATIONS
[2] INSTALL 1-18" WATERSTOP PER MANUFACTURERS SPECIFICATIONS

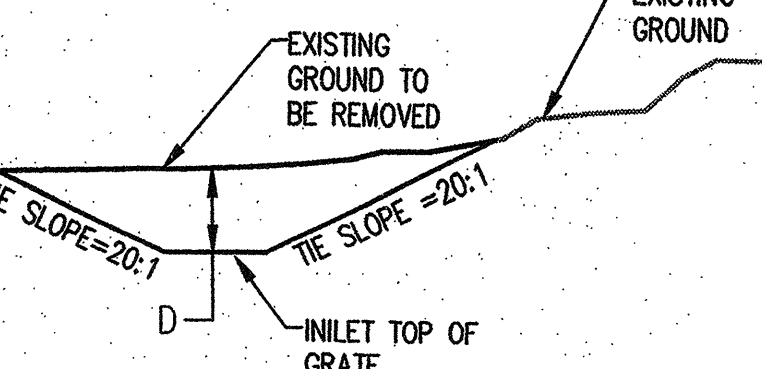
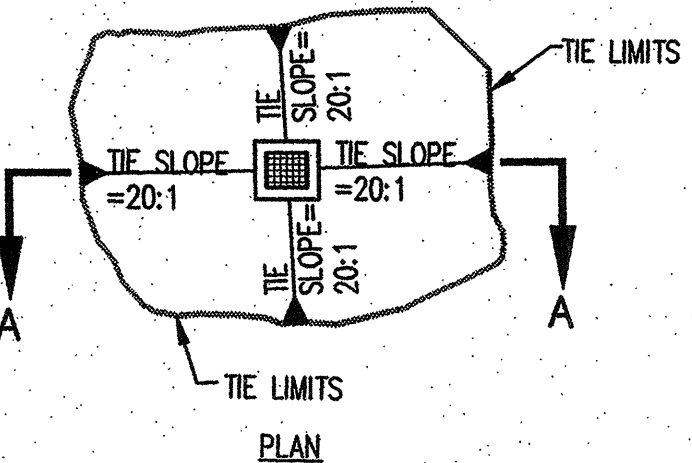


8" SUBGRADE PREPARATION -
COMPACTED TO 95% MAX. DRY
DENSITY PER ASTM D1557
SHOULD MEET MIN. R-VALUE = 54

TYPICAL RECYCLED ASPHALT
MILLINGS PAVEMENT SECTION
N.T.S.

INLET DETAILS

INLET #	T.O.G.	D(H)
2A	5046.94	0.25
2B	5046.95	0.25
3	5047.51	0.3



NOTES:
1) ALL EXISTING MILLINGS TO BE
REPLACED WITH 4" THICK MILLINGS
PER DETAIL THIS SHEET

PROFILE

DETAIL - INLET GRADING
N.T.S.

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DEPARTMENT OF
MUNICIPAL DEVELOPMENT

BALLOON FIESTA PARK PHASE 5

AREA 3 - VENDING CONCOURSE AREA

STORM DRAIN PLAN AND PROFILE STA 0+00.00 TO STA 10+55.59

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

MO./DAY/YR.

LAST DESIGN UPDATE

MO./DAY/YR.

DESIGNED BY EGC

DATE 05.01.07

MO./DAY/YR.

DRAWN BY EGC

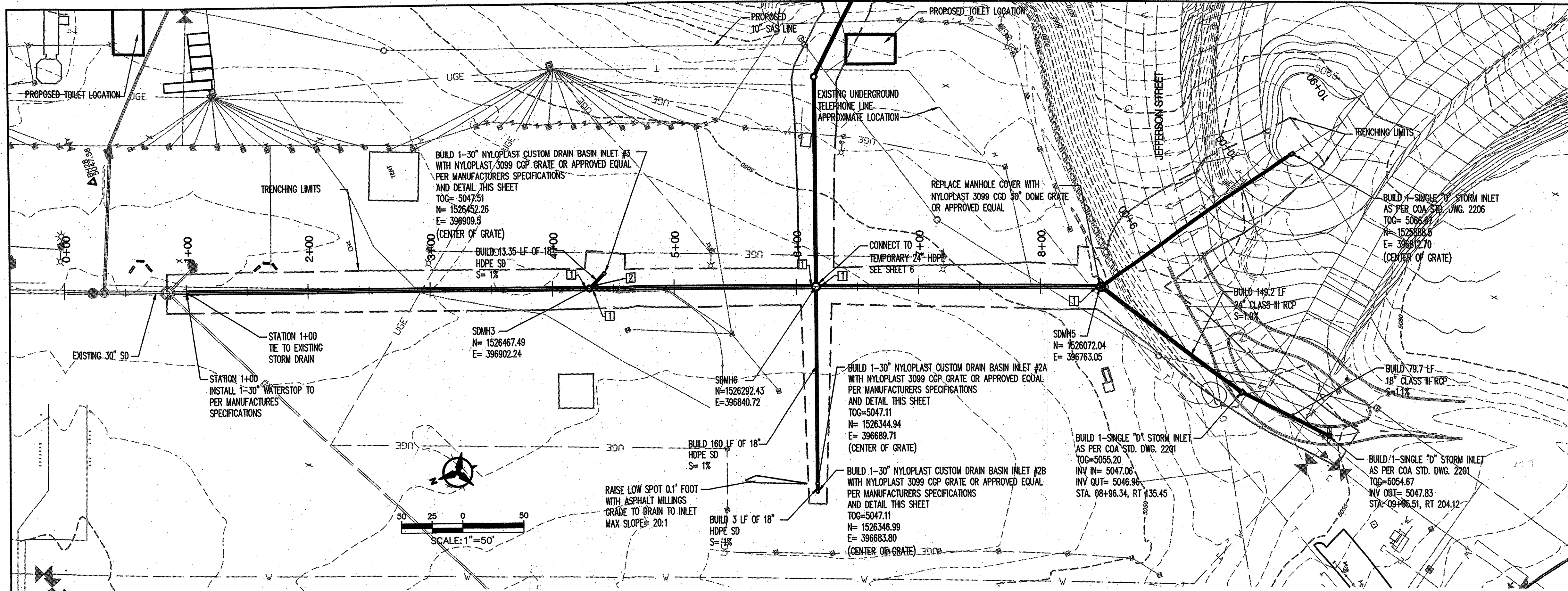
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MO./DAY/YR.

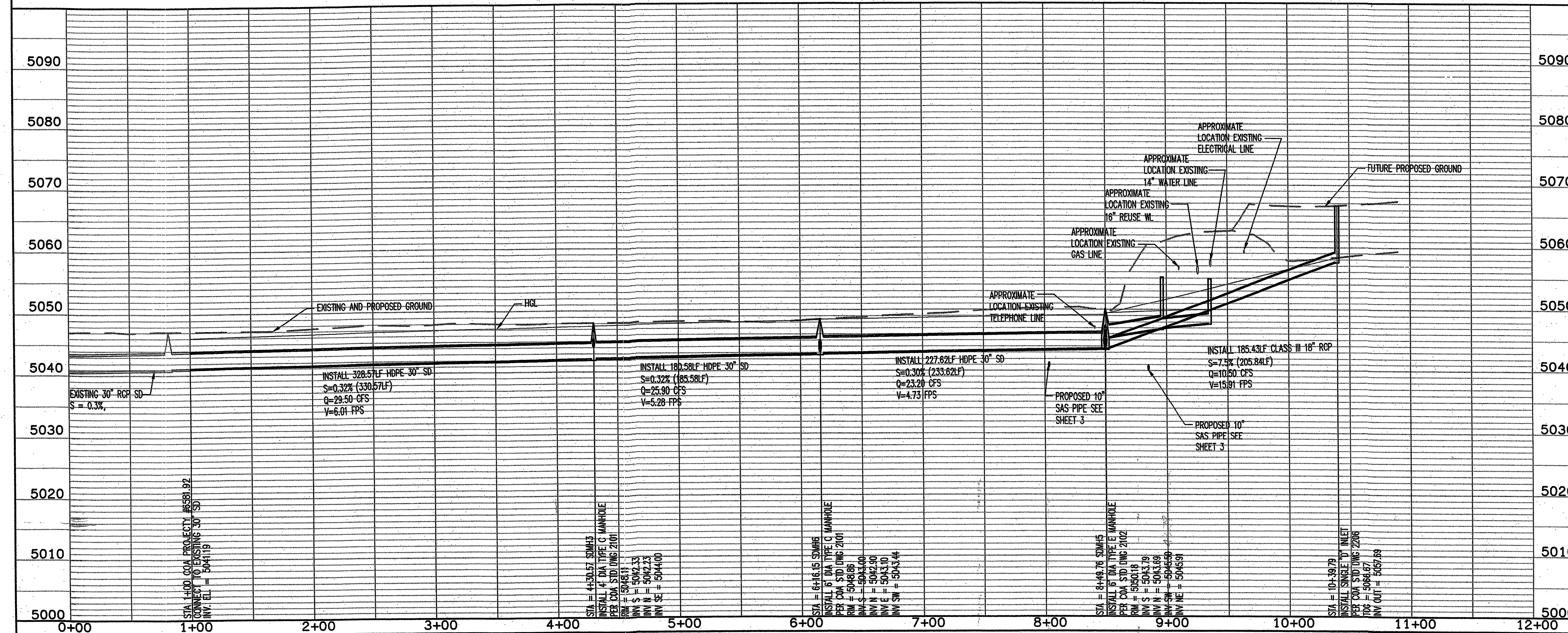
CHECKED BY JVF

DATE 05.01.07

MO./DAY/YR.



AREA 3 - STORM DRAIN PLAN AND PROFILE STA 0+00.00 TO STA 10+55.59



GENERAL NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. UTILITY FIELD VERIFICATION SHALL BE COORDINATED WITH ABE - CONTACT SAM BAXTER AT 821-1000. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF EXISTING MILLINGS. ALL MILLINGS TO BE REPLACED WITH 4" THICK MILLINGS PER DETAIL THIS SHEET.
- INSTALL HDPE PIPE AND WATER STOPS PER MANUFACTURERS SPECIFICATIONS.

KEYED NOTES:

- INSTALL 1-30" WATERSTOP PER MANUFACTURERS SPECIFICATIONS
- INSTALL 1-18" WATERSTOP PER MANUFACTURERS SPECIFICATIONS

INLET DETAILS

INLET #	T.O.G.	D(R)
2A	5047.11	0.3
2B	5047.11	0.3
3	5047.5	0.3

TYPICAL RECYCLED ASPHALT MILLINGS PAVEMENT SECTION

N.T.S.

DETAIL- INLET GRADING

N.T.S.

ENGINEER'S SEAL

REVISIONS

NO.	DATE	BY	REMARKS
1	4/23/07	CWH	-SD INLET & ALIGNMENT REVISIONS, SAS ELEV. REMOVED

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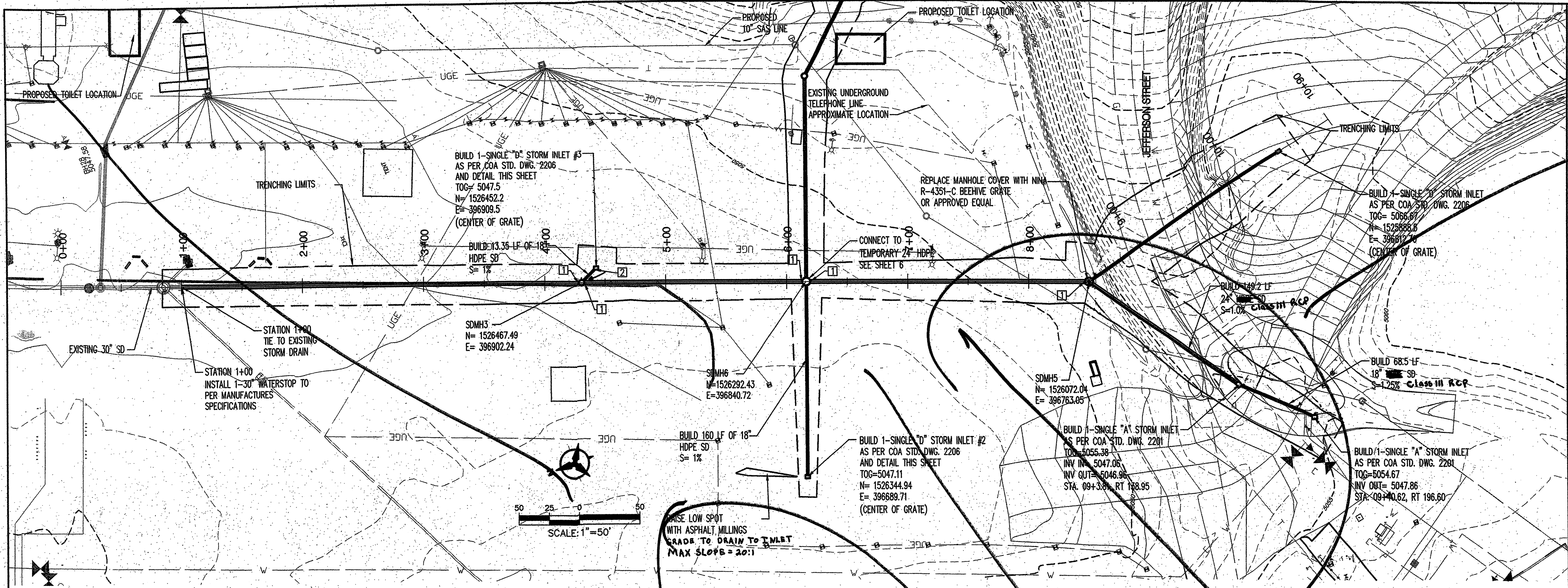
CITY OF ALBUQUERQUE

DEPARTMENT OF MUNICIPAL DEVELOPMENT

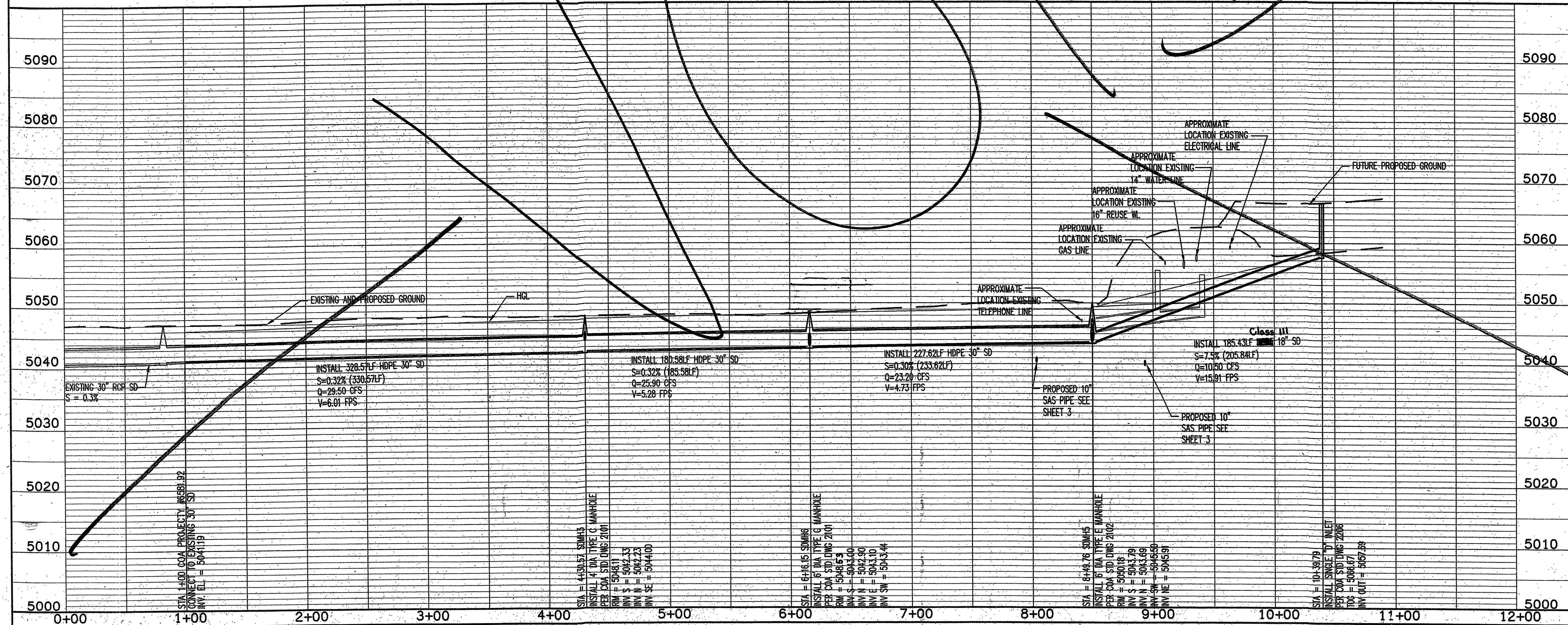
BALLOON FIESTA PARK PHASE 5
AREA 3- VENDING CONCOURSE AREA
STORM DRAIN PLAN AND PROFILE STA 0+00.00 TO STA 10+55.59

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
7997.92	B-17-Z	5R	6

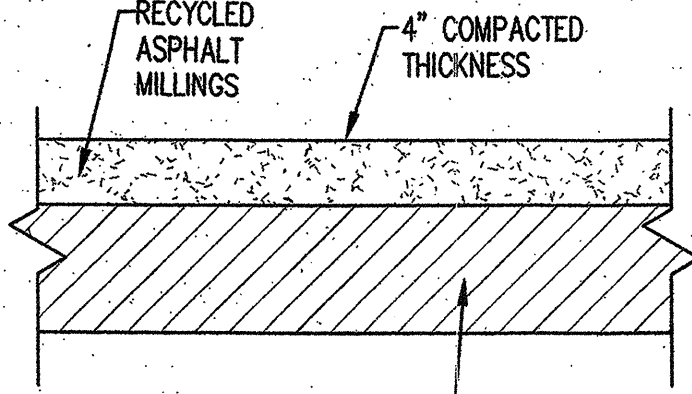


AREA 3 STORM DRAIN PLAN AND PROFILE STA 0+00.00 TO STA 10+55.59



- GENERAL NOTES:**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. UTILITY FIELD VERIFICATION SHALL BE COORDINATED WITH AIBF - CONTACT SAM BAXTER AT 821-1000. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF EXISTING MILLINGS. ALL MILLINGS TO BE REPLACED WITH 4" THICK MILLINGS PER DETAIL THIS SHEET.
 3. INSTALL HDPE PIPE AND WATER STOPS PER MANUFACTURERS SPECIFICATIONS.

- KEYED NOTES:**
- 1. INSTALL 1-30" WATERSTOP PER MANUFACTURES SPECIFICATIONS
 - 2. INSTALL 1-18" WATERSTOP PER MANUFACTURES SPECIFICATIONS
 - 3. INSTALL 1-24" WATERSTOP PER MANUFACTURES SPECIFICATIONS

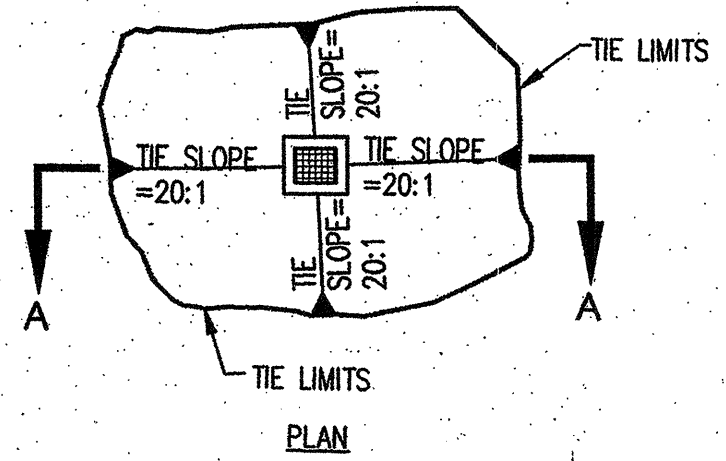


8" SUBGRADE PREPARATION
COMPACTED TO 95% MAX. DRY
DENSITY PER ASTM D1557
SHOULD MEET MIN. R-VALUE = 54

**TYPICAL RECYCLED ASPHALT
MILLINGS PAVEMENT SECTION**
N.T.S.

INLET DETAILS

INLET #	T.O.G.	D(R)
2	5047.11	0.3
3	5047.5	0.3



NOTES:
1) ALL EXISTING MILLINGS TO BE
REPLACED WITH 4" THICK MILLINGS
PER DETAIL THIS SHEET

DETAIL- TYPE 'D' INLET GRADING
N.T.S.

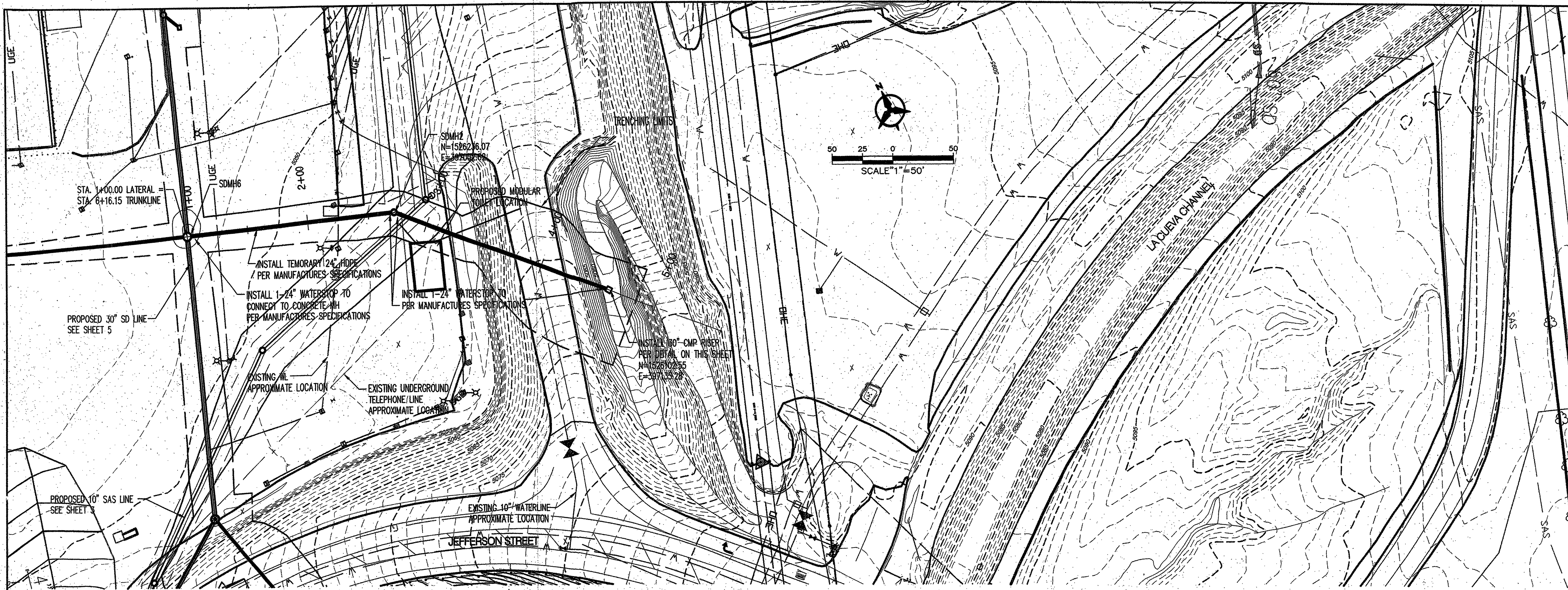
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CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

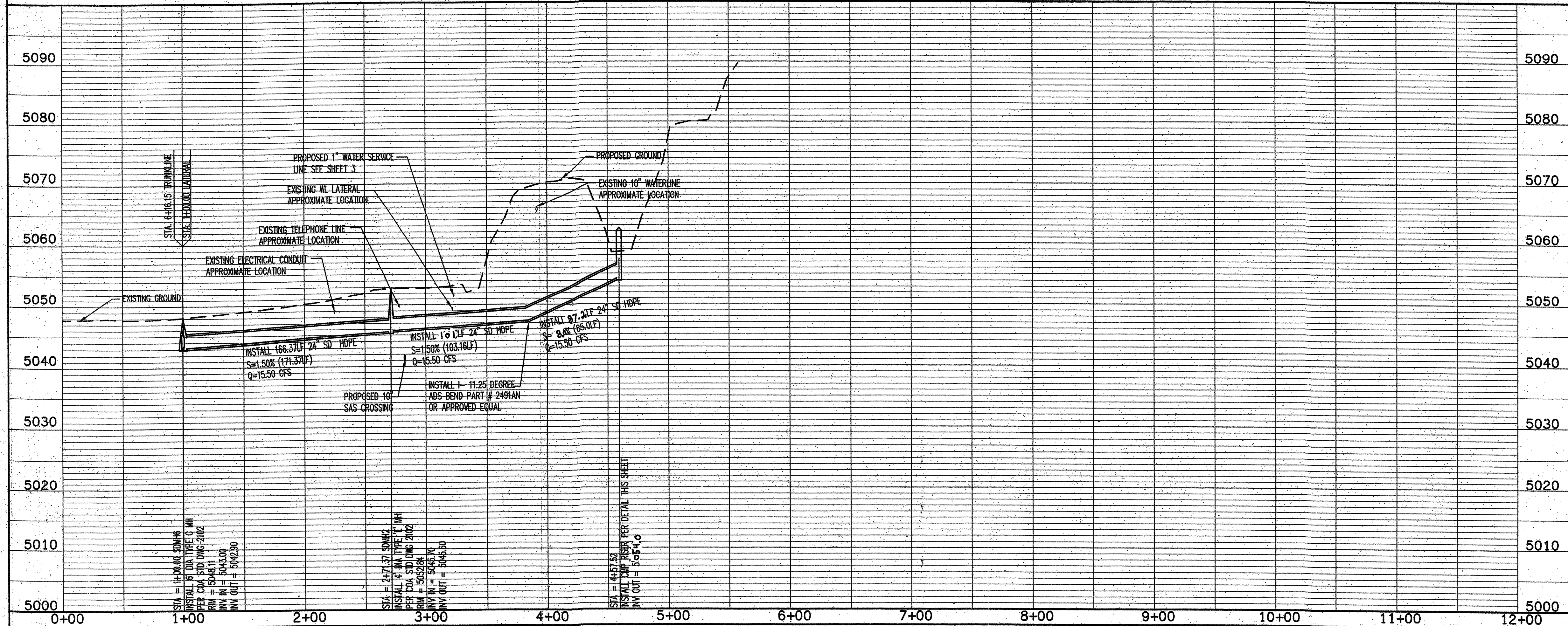
BALLOON FIESTA PARK PHASE 5
AREA 3- VENDING CONCOURSE AREA

STORM DRAIN PLAN AND PROFILE STA 0+00.00 TO STA 10+55.59

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.
APPROVED	APPROVED	MO./DAY/YR.
DESIGN REVIEW COMMITTEE	CITY ENGINEER	MO./DAY/YR.

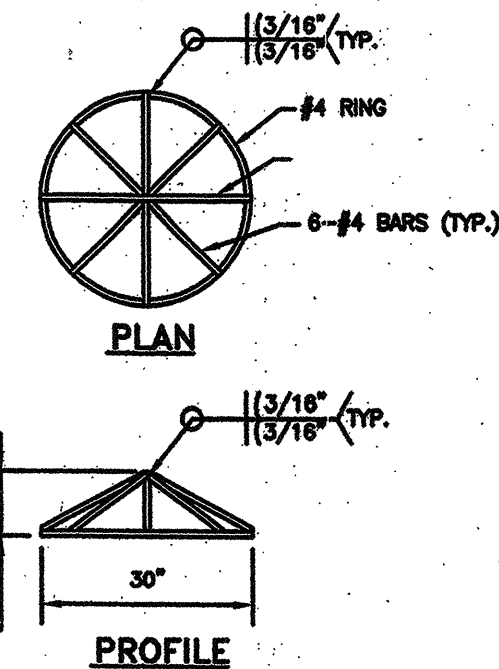


STORM DRAIN LATERAL PLAN AND PROFILE



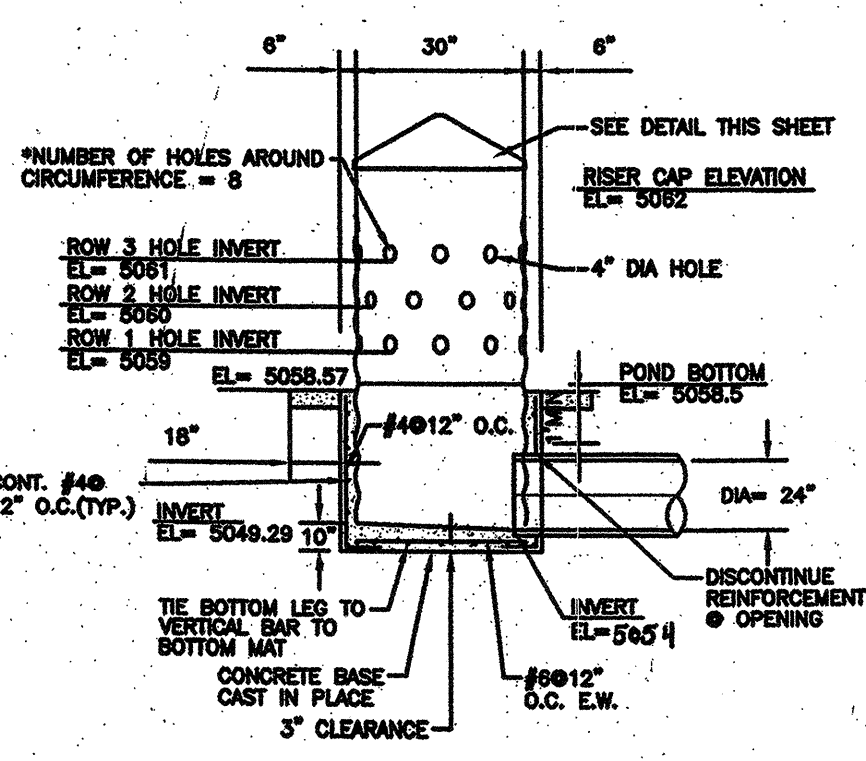
GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. UTILITY FIELD VERIFICATION SHALL BE COORDINATED WITH AIBF - CONTACT SAM BAXTER AT 821-1000. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF EXISTING MILLINGS. ALL MILLINGS TO BE REPLACED WITH 4" THICK MILLINGS PER PER SHEET 5.
3. INSTALL HOPE PIPE AND WATER STOPS PER MANUFACTURERS SPECIFICATIONS.



OUTLET RISER CAP DETAIL

*NOTE: ALL REBAR SHALL BE FINISHED WITH GALVANIZING OR MATCHING PAINT.



DETAIL A-PORTED RISER TOWER W/OPEN TOP

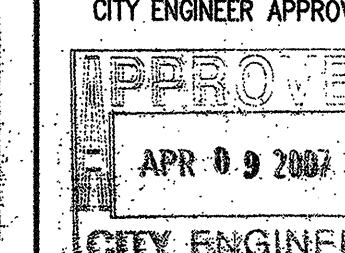
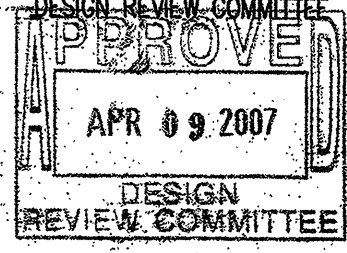
*NOTE: 1) SPACE HOLES EVENLY AROUND CIRCUMFERENCE. 2) ALL PENETRATIONS OF CMP SHALL BE RECAUGHT WITH GALVANIZING COATING.

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BALLOON FIESTA PARK PHASE 5
AREA 3 - VENDING CONCOURSE AREA
STORM DRAIN LATERAL PLAN AND PROFILE



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