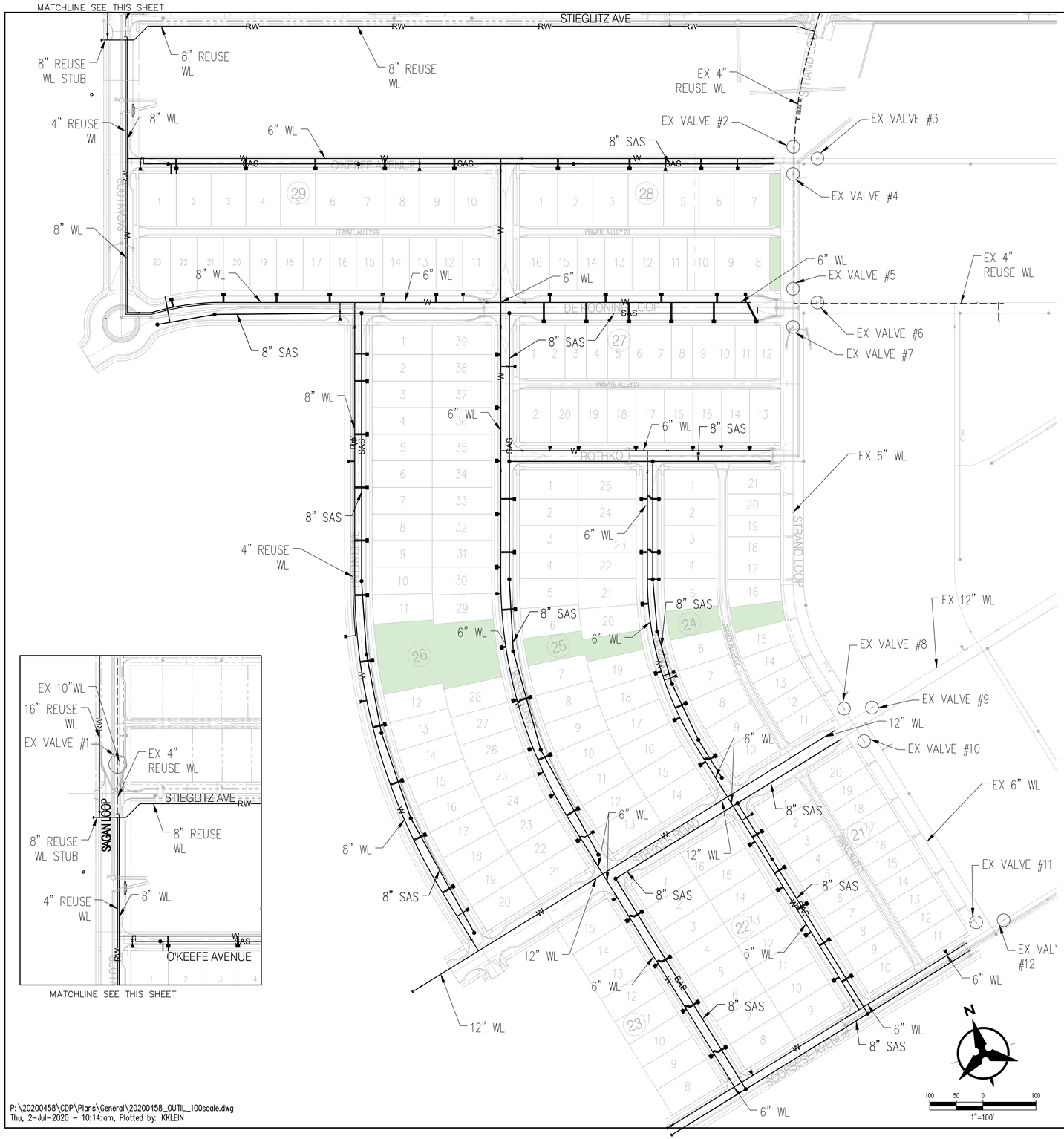

MATCHLINE SEE THIS SHEET

MATERIALS:

SAS LINE: SDR-35 PVC (FOR 8" DIAMETER)
SAS LINE: SDR-26 PVC (FOR 21" DIAMETER)
WATER LINE: C900-PVC (DR-18)
SD LINE: CLASS III RCP (UNLESS OTHERWISE NOTED ON PLANS)
ALL WATER METERS 3/4" (UNLESS OTHERWISE NOTED ON PLANS)
WATER REUSE: C900-PVC (DR-18) (PURPLE)

WATER SHUT-OFF PLAN:

FOR CONNECTION	VALVES CLOSED
O'KEEFE AVENUE	VALVE #1,2,3,4
DEKOONING LOOP	VALVE #5,6,7
ROTHKO	VALVE #
STRYKER RD	VALVE #8,9,10
SCORSESE AVENUE	VALVE #11,12

CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING, DISINFECTING, AND TESTING THE LINES AS REQUIRED BY THE ABCWUA.

WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF CONNECTIONS. AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT ABCWUA TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.
CONTRACTOR SHALL NOT OPERATE VALVES ON THE PROJECT.

STANDARD DRAWINGS

MH, STD DWG 2101
MH, STD DWG 2102
VALVE BOXES, STD DWG 2326 (SEE SHT 31)
SAS SERVICES, STD DWG 2125
WATER SERVICE, STD DWG 2362
FIRE HYDRANTS, STD DWG 2340
WATER LINE RELOCATION, STD DWG 2381

NOTE: ALL OF THE ABOVE ITEMS SHALL BE CONSTRUCTED PER THE STD DWG'S SHOWN UNLESS OTHERWISE NOTED.

ALL SANITARY SEWER MANHOLE'S SHALL BE CONCENTRIC TYPE PER ABCWUA STD. WHERE CONFLICT BETWEEN WATERLINE & SAS SERVICE OCCUR, CONTRACTOR TO DIP WATER LINE BELOW SAS SERVICE PER COA STD DWG 2381.

GENERAL NOTE:

ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE "C" AS PER C.O.A. STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED

ALL VALVES AND BENDS TO BE RESTRAINED WITH RESTRAINING JOINT UNLESS OTHERWISE NOTED. REFER TO TABLE BELOW

RESTRAINED JOINT TABLE

FITTING	LENGTH TO BE RESTRAINED (4")	(6")	(8")	(12")
6" X 6" X 6" TEE		1		
8" X 8" X 4" TEE	1			
8" X 8" X 6" TEE		1		
8" X 8" X 8" TEE			4	
12" X 12" X 12" TEE				18
12" X 12" X 8" TEE			1	
12" X 12" X 6" TEE		1		
11.25° BEND	1	2	3	4
22.5° BEND	3	4	5	7
45° BEND	6	8	11	15
90° BEND	15	20	27	37
VALVE/DEAD END	39	55	73	104
6" X 4" REDUCER		29		
8" X 6" REDUCER			31	
12" X 8" REDUCER				75
12" X 8" REDUCER				55

NOTE:
1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.

2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. UNLESS SPECIFIED DIFFERENTLY IN THE PLANS, ALL PIPE JOINTS WITHIN 20 LF OF A MECHANICAL JOINT SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.

3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE ACCOMPANYING TABLE.

4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE

5. RESTRAINED LENGTH IS FROM LARGE SIDE ON ALL REDUCERS.

6. RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.

7. JOINT RESTRAINT LENGTH SHOWN FOR TEES REFERS TO THE BRANCH SECTION CASES.

*NOTE;
CONTRACTOR SHALL REMOVE AND CAP PREVIOUSLY INSTALLED SERVICE AT MAIN. INSTALL NEW SERVICES PER PLAN. CONTACT ENGINEER WITH ANY DISCREPANCIES.

REFERENCE:-
WATER AND SANITARY SEWER AVAILABILITY STATEMENT #XXX

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESIS)
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND E.M.S. AT THE END OF EACH SANITARY SEWER SERVICE.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
6. CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
7. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
8. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
9. MH RIMS & CATCH BASIN INLET ELEVATIONS, VALVE BOXES, ARV, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
10. SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
11. FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.
12. FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
13. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

LEGEND

	PROPERTY LINE
	NEW EASEMENT
SAS	EXISTING SANITARY SEWER
W	EXISTING WATER LINE
	EXISTING STORM DRAIN
	EXISTING WATER METER
	EXISTING CAP
	EXISTING VALVE
	EXISTING FIRE HYDRANT
	EXISTING SANITARY SEWER MANHOLE
	EXISTING STORM DRAIN
SAS	PROPOSED SANITARY SEWER
WL	PROPOSED WATER LINE
	PROPOSED VALVE
	PROPOSED HYDRANT
	PROPOSED CAP
	PROPOSED WATER METER
	PROPOSED SANITARY SEWER MANHOLE
	PROPOSED STORM DRAIN

AS-BUILT INFORMATION

	DATE
CONTRACTOR	
WORK STAKED BY	
INSPECTOR'S ACCEPTANCE BY	
FIELD VERIFICATION BY	
DRAWINGS CORRECTED BY	

MICRO-FILM INFORMATION

	DATE
RECORDED BY	
NO.	

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY	KMK	DATE 03/2020
DRAWN BY	RV	DATE 03/2020
CHECKED BY	KMK	DATE 03/2020

Bohannan Huston
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

MONTAGE UNIT 4
OVERALL UTILITY PLAN

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
PR-2020-003422	R-15,16,S-16	27	xx

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BHI JOB NO. 20200458