

HORIZONTAL DATUM:
CALIFORNIA ZONE 3 NAD83 STATE PLANE GRID (2016 EPOCH) ROTATED TO A BASIS OF BEARINGS.

BASIS OF BEARINGS:
THE BEARING OF N39°22'W BETWEEN FOUND MONUMENTS ALONG THE SOUTHWEST LINE OF DEPOT STREET AS SHOWN ON THE PARCEL MAP FILED JULY 5, 1994 IN BOOK 657 OF MAPS, AT PAGE 7, RECORDS OF SANTA CLARA COUNTY, CALIFORNIA, WAS TAKEN AS THE BASIS OF BEARINGS.

VERTICAL DATUM:
NAVD88

BENCHMARK:
SANTA CLARA VALLEY WATER DISTRICT BENCHMARK "BM002", A BRASS DISK ON TOP OF A CONCRETE CURB, AT BACK OF SIDEWALK OF NORTHWEST CORNER OF INTERSECTION OF MONTEREY ROAD WITH WEST DUNNE AVENUE, 13.4 FEET NORTH OF TRAFFIC SIGNAL #2343, 10.3 FEET FROM FLOW LINE OF GUTTER, 0.55 FEET HIGHER THAN BACK OF SIDEWALK
ELEVATION(NAVD88)=342.80 FEET

CITY OF MORGAN HILL GENERAL NOTES

1. Temporary Bench Mark - Based on a City approved benchmark as shown on these plans.
2. All existing elevations shall be field verified by contractor unless otherwise noted.

3. Contractor shall not destroy existing permanent survey monuments. If destroyed, they must be replaced per City Detail A-31.

4. All work shall conform to the latest edition of the City of Morgan Hill Standard Details for Construction which are hereby made a part of these plans. Deviations from the Standard Details must be approved by the City Engineer.

5. Contractor shall arrange for a pre-construction meeting with the City Engineer prior to commencing any construction. An encroachment permit shall be obtained from the Public Works Department upon completion of said meeting and prior to construction of any improvements.

6. Contractor shall notify the Public Works Inspector 48 hours prior to commencement of any work phase.

7. Contractor shall preserve all surrounding property by confining operations to within the "Limits of Work". Contractor shall be responsible for maintaining access for all adjoining residents, places of business, and properties at all times and in a safe manner. Contractor shall make proper notification at least 24 hours in advance of any interruption in access or service to the above property owners as well as to the City Engineer's Representative.

8. Contractor shall only use equipment provided with a spark arrestor device to reduce a potential fire hazard.

Right of Modification:

Approval of this plan does not release Contractor of the responsibility for correction of mistakes, errors, or omission, contained therein. If during the course of construction, public interest requires a modification of or a departure from these improvement plans or the City Standard Details for Construction, the City Engineer shall have the authority to require such modifications and departures and to specify the manner in which the same is to be made.

Off-Site Water & Dust Control:

Contractor shall provide a water truck onsite at all times. Contractor will be allowed to draw water from the City of Morgan Hill Water Distribution System only after obtaining a hydrant meter from the Public Works Department and an inspection of the water truck for a proper backflow device or "air-gap" filling pipe. Contractor shall keep down dust from construction activity to the maximum extent possible. Contractor shall clean all existing streets, curbs, gutters, and sidewalks affected by the project at the end of each working day.

Material Storage:

No material shall be stored near the edge of pavement, traveled way, sidewalk, driveway, or shoulder line which may create a hazard for vehicular and pedestrian traffic. No material should be stored in the public right-of-way. A designated site shall be selected and paid for by the Contractor prior to construction meeting.

Traffic Control:

Contractor shall submit a traffic control plan for approval to the Public Works Department a minimum of 10 days prior to any work within an existing public street. The plan shall be signed by a licensed Traffic Engineer when it involves an arterial street. Contractor shall provide all necessary traffic control in accordance with the latest edition of MUTCD, while working within the public right-of-way. Two traffic lanes (10 min.) shall be open to vehicular traffic during all hours, weekends, and holidays. One lane one way traffic, may be permitted under the control of not less than 2 (two) competent flagmen during construction operations. Street closures and detours shall only take place upon City Engineer approval and Police Department coordination.

Trench Excavation:

Contractor shall exercise diligence in reviewing the approved Soils Report and other available resources to familiarize himself/herself with the soil conditions to be encountered in the course of work identified in these plans. Contractor shall not cause damage to adjacent trees or existing structures above or below grade during trench excavation. All rocks, boulders, and large stones encountered shall be removed to provide a clearance of 6 inches above the pipe. The trench bottom shall be refilled to grade with sand, pea gravel, or other approved granular material. Clean ¾" or ¾" pea gravel shall be used in areas of moist condition, or where the soil has a history of sub-surface water. If the bottom of the trench is found to consist of wet or unstable material incapable of properly supporting the pipe the material shall be removed to minimum depth of 12 inches below the unstable layer for the full width of the trench and replaced with approved granular material. Trench excavation material deposited adjacent to the trench shall be placed and located to prevent spillage into the open trench. Contractor to provide hot mix for temporary pavement over trench until pavement restoration is made.

Trench Safety:

It shall be Contractor's responsibility to provide all necessary trench safety measures for excavations. All trench safety measures shall be in accordance with the latest CAL-OSHA guidelines. Contractor shall provide evidence of a CAL-OSHA trenching permit at the pre-construction meeting.

15. Excavations within the public right-of-way shall be backfilled, compacted, and temporarily paved with cold mix "cut back" type A.C. to allow for vehicular and pedestrian traffic prior to 4:00 P.M. The use of trench plates is allowed, provided the Contractor covers all edges of the plates with cold mix material. It shall be the Contractor's responsibility to maintain on a daily basis, including weekends, the amount of material necessary to maintain the trench surface flush with the existing street or sidewalk. In addition, the Contractor shall respond to and correct shifting trench plates regardless of the time of day. If trench plates are to remain in place for longer than 24 hours, they must be recessed and flush with surrounding pavement. On arterial roadways, all trench plates must be recessed and flush with the existing pavement. If Contractor fails to correct sinking backfill material or shifting trench plates in a timely manner, City shall reserve the right to correct the problem and back charge the Contractor.

Joining Existing Pavement:

Existing pavement which is to be joined by new pavement shall be saw cut vertical to provide straight, true and neat joints. Overlapping of existing pavement without saw cutting or grinding shall not be permitted. The vertical edges shall be tacked prior to paving. Terminals of all surfacing indicated on the plans shall join any existing surface in a smooth built joint. Conform paving by method of abrasive grinding will be allowed upon approval of the City Engineer.

Sanitary Sewers:

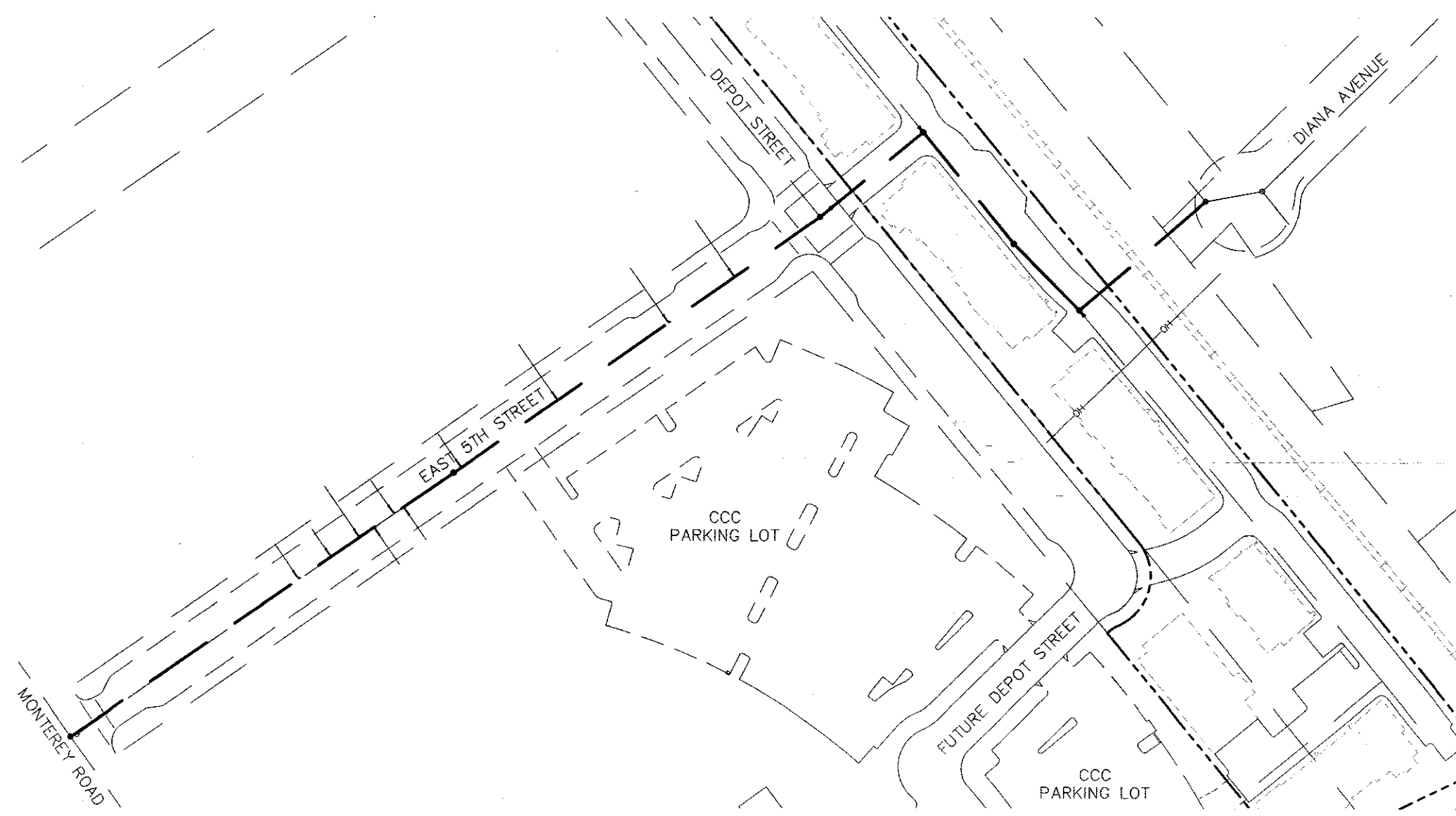
17. All manholes, sewer mains, and laterals must pass a leakage test as described in the City of Morgan Hill Standard Details for Construction. After all backfill, testing, and pavement restoration has been completed, the contractor shall flush and clean all sewer lines 24 inches or less in diameter by the "Wayne Ball Method". After the leakage test, but prior to paving, a television inspection shall be performed at all locations of newly installed sewer mains at contractor's expense. The underground contractor must keep an accurate record of manholes and the distance between them and each eye branch lateral, and their direction.

18. Before any upstream sewers are constructed, the contractor shall verify the elevation and location of existing sewer lines to be connected.

Water Lines:

19. Contractor shall not turn off or on any valves belonging to the City's water system. Only Department of Public Works personnel shall open the necessary valves to connect new lines. Failure to follow this requirement shall be considered an "unlawful connection" and may result in issuing of a citation and fines as specified in Section 13.04 of the Morgan Hill Municipal Code.

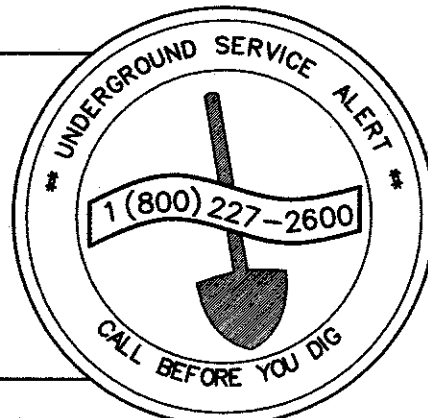
CITY OF MORGAN HILL IMPROVEMENT PLANS FOR EAST FIFTH STREET SEWER MAIN PROJECT



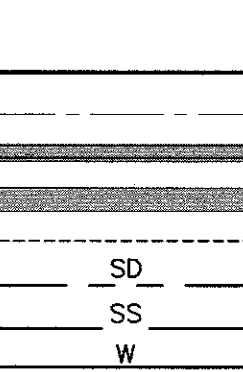
LOCATION MAP

LOCATION OF UTILITIES

LOCATION OF UTILITIES SHOWN IS ONLY APPROXIMATE. DETERMINATION OF THE ACTUAL LOCATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
U.S.A. 1-800-227-2600



PROPOSED



LEGEND

DESCRIPTION

EXISTING

ABBREVIATIONS

AB	AGGREGATE BASE	(N)	NORTH
AC	ASPHALTIC CONCRETE	(NE)	NORTHEAST
ADA	AMERICANS WITH DISABILITIES ACT	NO.	NUMBER
BNDY	BOUNDARY	N.T.S.	NOT TO SCALE
BC	BEGIN CURVE	OC	ON CENTER
BVC	BEGINNING OF VERTICAL CURVE	PAD	PAV ELEVATION
B/C	BACK OF CURB	PAV	PAVEMENT
BW	BACK OF WALK	PL or R	PROPERTY LINE
C&G	CURB & GUTTER	PRC	POINT OF REVERSE CURVATURE
CI	CURB INLET	PRUE	PRIVATE UTILITY EASEMENT
CL	CENTERLINE	PSI	PER SQUARE INCH
CO	CLEAN OUT	PSUE	PUBLIC SERVICE UTILITY EASEMENT
DIA	DIAMETER	PT	POINT
DWC	DRAWING	PVC	POLYVINYL CHLORIDE PIPE
DWY	DRIVEWAY	PVI	POINT OF VERTICAL INTERSECTION
(E)	EAST	R	RIGHT OF RADIUS
EC	END CURVE	RCP	REINFORCED CONCRETE PIPE
EVA	EMERGENCY VEHICLE ACCESS	R/W	RIGHT OF WAY
ELEV	ELEVATION	RET	RETURN
EP	EDGE OF PAVEMENT	(S)	SOUTH
EXC	EXISTING	(SE)	SOUTHEAST
FC	FACE OF CURB	(SW)	SOUTHWEST
FF	FINISH FLOOR ELEVATION	SD	STORM DRAIN
FG	FINISH GRADE	SDAD	STORM DRAIN AREA DRAIN
FGI	FLAT GRATE INLET	SS	STORM DRAIN MANHOLE
FI	FIRE HYDRANT	SAD	SEE ARCHITECTS DRAWINGS
FL	FLOW LINE	SLD	SEE LANDSCAPE DRAWINGS
GB	GRADE BREAK	SEE	SEE PLUMBING DRAWINGS
GR	GRATE	SSD	SEE STRUCTURAL DRAWINGS
HOA	HOMESOWNERS' ASSOCIATION	SS	SANITARY SEWER
HP	HIGH POINT	SSAD	SANITARY SEWER AREA DRAIN
IMP	IMPROVEMENTS	SSCO	SANITARY SEWER CLEANOUT
INV	INVERT	SSLAT	SANITARY SEWER LATERAL
IRR	IRRIGATION	SSMH	SANITARY SEWER MANHOLE
JT	JOINT TRENCH	STA	STATION
LT	LEFT	STD	STANDARD
LF	LINEAR FEET	SWK	SIDEWALK
LP	LOW POINT	TC	TOP OF CURB & GUTTER
MAX	MAXIMUM	TDC	TOP OF DEPRESSED CURB & GUTTER
MIN	MINIMUM	TMC	TOP OF MODIFIED CURB & GUTTER
		TOS	TOP OF BANK
		TVC	TOP OF VERTICAL CURB
		TYP	TYPICAL
		VC	VERTICAL CURVE OR VERTICAL CURB
		W	WATER
		WM	WATER METER
		WSR	WEST
			WATER SERVICE

SHEET INDEX

SHEET NO.	TITLE
1	TITLE SHEET
2	NOTES
3	DETAILS
4	EXISTING CONDITIONS AND DEMOLITION PLAN
5	SANITARY SEWER LINE - BEGIN TO 7+50
6	SANITARY SEWER LINE - 7+50 TO DRIVE A
7	SANITARY SEWER LINE - WITHIN DRIVE A
8	SANITARY SEWER LINE - DRIVE A TO END
9	EAST 5TH STREET PAVING
10	EROSION CONTROL PLAN

ENGINEER OF RECORD

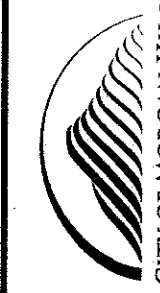
PLANS PREPARED UNDER THE DIRECTION OF AND APPROVED FOR CONSTRUCTION:

JAMES W. SCHUL R.C.E. No. 49688
RUGGERI-JENSEN-AZAR & ASSOCIATES

TITLE SHEET
EAST FIFTH STREET SEWER MAIN
PROJECT

FOR	NONE
VER	NONE
DESIGN	DATE
DATE	5/14/2021
APPROVED	DATE
DATE	5/14/2021
DESIGNED	DATE
DATE	5/14/2021
BY	DATE
DATE	5/14/2021
NO.	DESCRIPTION
NO.	DESCRIPTION

City of Morgan Hill
ENGINEERING AND UTILITIES



17575 Ridge Avenue Morgan Hill, CA 95037 (408)779-6800, Fax (408)779-7236
R.C.E. #68979

FILE NUMBER:	307T17
PRINT DATE:	MAY 2021
SHEET NUMBER:	1 of 10

PLOT DATE: May 4, 2021
FILE PATH: W:\Jobs 16\162016\Drawings\Final\Improvement Plans\Offsite Sanitary Sewer\2 NOTES.dwg

RJA STANDARD GENERAL NOTES

- The Contractor agrees that, in accordance with generally accepted construction practices, the Contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property. This requirement shall apply continuously and not be limited to normal working hours. The Contractor further agrees to defend, indemnify and hold owner, City, and Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, exempting liability arising from the sole negligence of the Engineer.
- Excavation shall be adequately shored, braced and sheeted so that the earth will not slide or settle and so that all existing improvements of any kind will be fully protected from damage. Any damage resulting from a lack of adequate shoring, bracing, and sheeting, shall be the responsibility of the Contractor, and he shall effect necessary repairs or reconstruction at his own expense. Where the excavation for a conduit, trench, and/or structure is five feet or more in depth, the Contractor shall provide adequate sheeting, shoring and bracing or equivalent method, for the protection of life, or limb, which shall conform to the applicable construction safety orders of the Division of Industrial Safety of the State of California. The Contractor shall always comply with OSHA requirements.
- It is the responsibility of the Contractor to obtain permits necessary to perform the work shown in these plans from the appropriate agencies.
- The Contractor shall take effective action to prevent the formation of any airborne dust nuisance and shall be responsible for any damage resulting from his failure to do so.
- The Contractor shall provide for ingress and egress for private property adjacent to work throughout the period of construction.
- The Contractor shall provide all lights, signs, barricades, flagmen or other devices necessary to provide for safety.
- The Contractor shall post emergency telephone numbers for police, fire, ambulance, and those agencies responsible for the maintenance of utilities in the vicinity of the job site.
- Stationing hereon is along street centerline unless otherwise shown or indicated.
- All return radii and curb data are to face of curb.
- All quantities and pay items are and will be based on horizontal measurements.
- Lengths of sanitary sewers are horizontal distances from center to center of structures, rounded off to the nearest foot.
- Existing underground utilities and improvements are shown in their approximate locations based upon record information available to the Engineer at the time of the preparation of these plans. Locations may not have been verified in the field and no guarantee is made as to the accuracy or completeness of the information shown. The Contractor shall notify utility companies at least 2 working days in advance of Construction to field locate utilities. Call Underground Service Alert (USA) at 1-800-642-2444. It shall be the responsibility of the Contractor to determine the existence and location of utilities shown on these plans, indicated in the field by locating services, or evidenced by facilities visible at or adjacent to the job site. Any additional cost incurred as a result of the Contractor's failure to verify locations of existing utilities prior to beginning construction shall be borne by the Contractor and is deemed included and merged in the contract unit price.
- All existing utilities and improvements that become damaged during construction shall be completely restored to the satisfaction of the City Engineer at the Contractor's sole expense.
- Any relocation of public utilities shall be conducted in accordance with any and all requirements of the utility company, including fees, bonds, permits, and working conditions, etc. This work shall be done at no expense to the utility company. The owner shall pay the cost of all such relocation work including fees, bonds, permits, etc.
- Ruggeri-Jensen-Azar & Associates does not specify or recommend the use or installation of any material or equipment which is made from, or which contains asbestos for use in the construction of these improvements. Any party installing or using such materials or equipment shall be solely responsible for all injuries, damages, or liabilities of any kind caused by the use of such materials or use of such equipment. The provisions of this note shall apply unless they are expressly waived in writing by Ruggeri-Jensen-Azar & Associates.
- The Contractor shall meet and follow all NPDES requirements in effect at the time of construction.
- Should it appear that the work to be done or any matter relative thereto is not sufficiently detailed or explained on these plans, the Contractor shall contact the City Engineer for such further explanations as may be necessary.
- Existing monuments that are destroyed shall be reconstructed at the Contractor's cost.

PROJECT INFORMATION

- City of Morgan Hill
Engineering & Utilities Department
17575 Peak Avenue
Morgan Hill, California 950378
(408) 310-4642
Contact: David Gittleson

Civil Engineer: Ruggeri-Jensen-Azar
8055 Camino Arroyo
Gilroy, California 95020
(408) 848-0300
Fax: (408) 848-0302
Contact: Jim Schul, P.E.

Geotechnical Engineer: Cornerstone Earth Group
1259 Oakmead Park
Sunnyvale, CA 94085
(408) 245-4600
Contact: Nick Devlin, PE
- The Contractor shall notify Ruggeri-Jensen-Azar two working days prior to the need for construction survey stakes. Cut sheets are to be supplied to the City Engineer 24 hours prior to construction relating to the cut sheets.
- Underground Utilities: Prior to final preparation of subgrade and placement of base material, all underground utility mains shall be installed and service connections made to each lot. Service from public utilities and from sanitary sewers shall be made in such a manner that will prevent the necessity of disturbing the street pavement, curb, gutter, and sidewalk when surface connections are made.
- The Contractor shall be held responsible for any field changes made without written authorization from the City Engineer.
- Trench dewatering may be required due to groundwater infiltration. Dewatering shall be done per the Geotechnical Engineer's recommendations as approved by the City Engineer.
- Construction traffic shall access the project site at location shown on the approved Erosion Control Plan.
- Inspections shall be coordinated with the City of Morgan Hill and scheduled 2 working days in advance of when inspections are needed. Hours of inspection are from 8:00 am to 5:00 pm.

CONSTRUCTION NOTES

PAVING


- Paving shall conform to the specifications of the City of Morgan Hill.
- A prime coat of liquid asphalt, conforming to Section 39 of the Standard Specifications, shall be applied to all areas receiving asphalt concrete at the rate of 0.25 gallons per square yard.
- Asphalt concrete (AC) shall consist of a mixture of sand, mineral aggregate, and liquid asphalt conforming to Standard Specifications type "A", 1/2" maximum, medium grading. Paving asphalt shall have viscosity grade AR4000. Asphalt concrete shall be a minimum of 4" in thickness and placed in lifts 2" in minimum thickness. No RAP is allowed.
- Tack coat of asphalt emulsion, conforming to the Standard Specifications, shall be applied to existing asphalt concrete surfaces and vertical concrete surfaces to receive new asphalt concrete, and to any lift in advance of spreading the next lift.
- Seal coat shall be diluted with an equal amount of water and applied at the rate of 0.10 gallons per square yard to the surface of all new asphalt concrete pavement, which shall be free of dust and loose material prior to application. Seal coat shall be applied within 7 days of placement of top lift of asphalt.
- Materials and installation of portland cement concrete curb, gutter, and sidewalk shall conform to Section 90 of Caltrans Specifications, "Portland Cement Concrete", and the City Standard Specifications and City Standard Details.
- All valve boxes and manholes to be set flush with finished grade unless otherwise noted.
- Aggregate base (AB) shall be Class 2 and shall be spread and compacted to conform to Section 26 of the Standard Specifications.

SANITARY SEWER

- All sanitary sewer pipe, 15 inch or smaller, shall be PVC SDR-26 and per City of Morgan Hill specifications. Pipe shall be installed in compliance with the manufacturer's recommended practice.
- Sanitary sewer lines shall be constructed with a laser guided device to the alignment and elevations shown on the plans. Sanitary sewer manholes shall be constructed to the Standard Specifications and Details of the City of Morgan Hill, Standard Details S-4.
- Trench shall be constructed per the specifications of the City of Morgan Hill. Initial backfill shall be compacted with lightweight mechanical tampers or vibrating plate compactors. Heavy equipment should not be used to compact backfill immediately above the pipe. Jetting will not be allowed.

CITY OF MORGAN HILL STANDARD DETAILS

DWG No.	DESCRIPTION
S-2	SEWER LATERAL
S-4	SANITARY SEWER MANHOLE
S-5	DROP MANHOLE
S-6	STANDARD MANHOLE FRAME & COVER
U-3	TRENCH RESTORATION/BACKFILL FOR TRENCH WIDTHS GREATER THAN 18"
A-31	STANDARD CITY MONUMENT

				WORK ACCEPTED:	INSPECTOR:	DRAWN: RJA	DESIGN: RJA	HOR: NONE	CHECKED:	DATE: 5/14/2021	VERT: NONE	JOB NUMBER: 162016-2001
				BY:	DATE:	APPROVED: 						
NO.	DESCRIPTION	DATE	BY	Revisions								

SCOTT C. CREER - CITY ENGINEER
R.C.E. #50879



City of Morgan Hill
Public Works Department

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480, Fax (408)779-7236

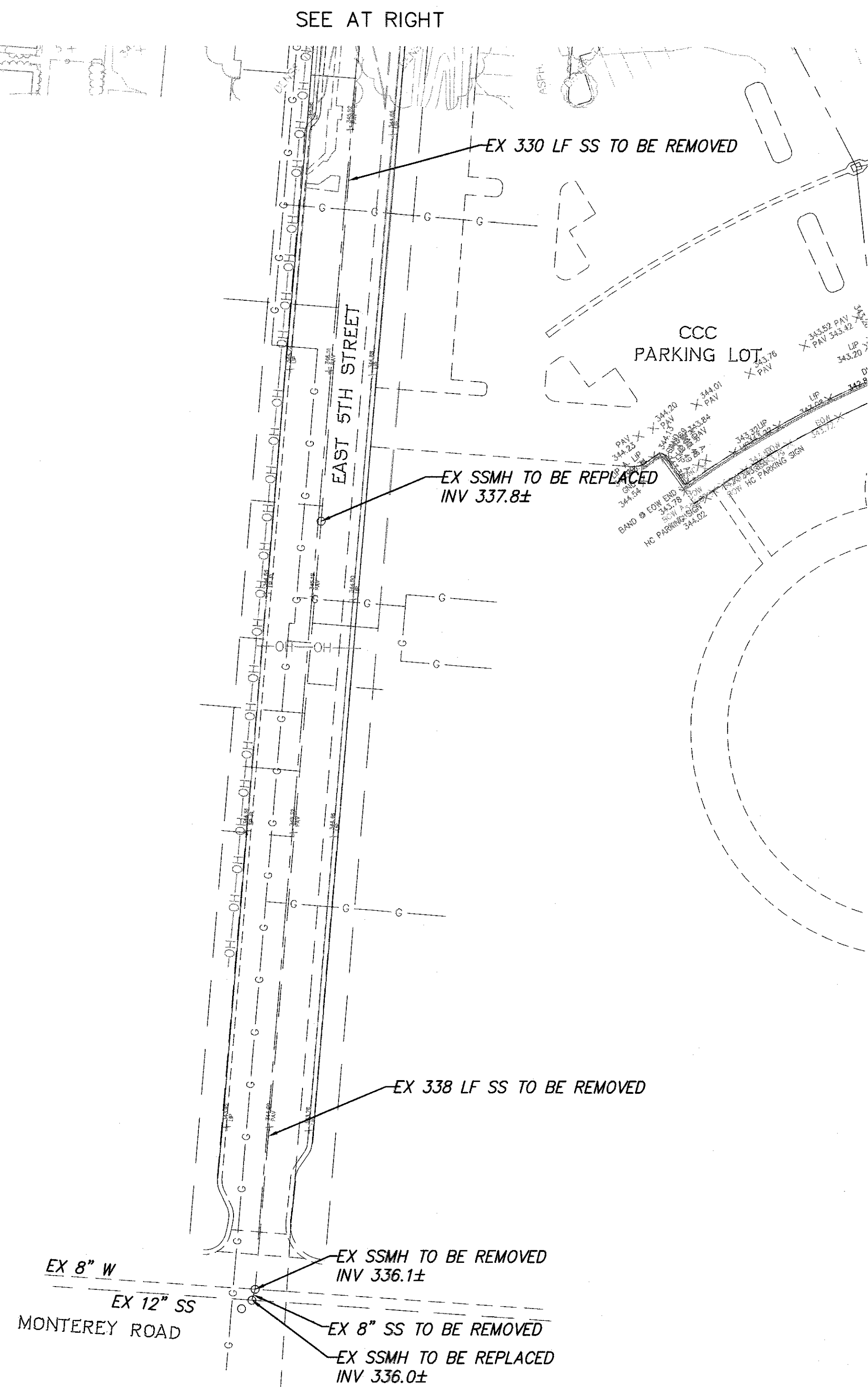


RUGGERI-JENSEN-AZAR
ENGINEERS • PLANNERS • SURVEYORS
8055 CAMINO ARROYO GILROY, CA 95020
PHONE: (408) 848-0300 FAX: (408) 848-0302

NOTES
EAST FIFTH STREET SEWER MAIN
PROJECT

FILE NUMBER:
307T17
PRINT DATE:
MAY 2021
SHEET NUMBER:
2 OF 10

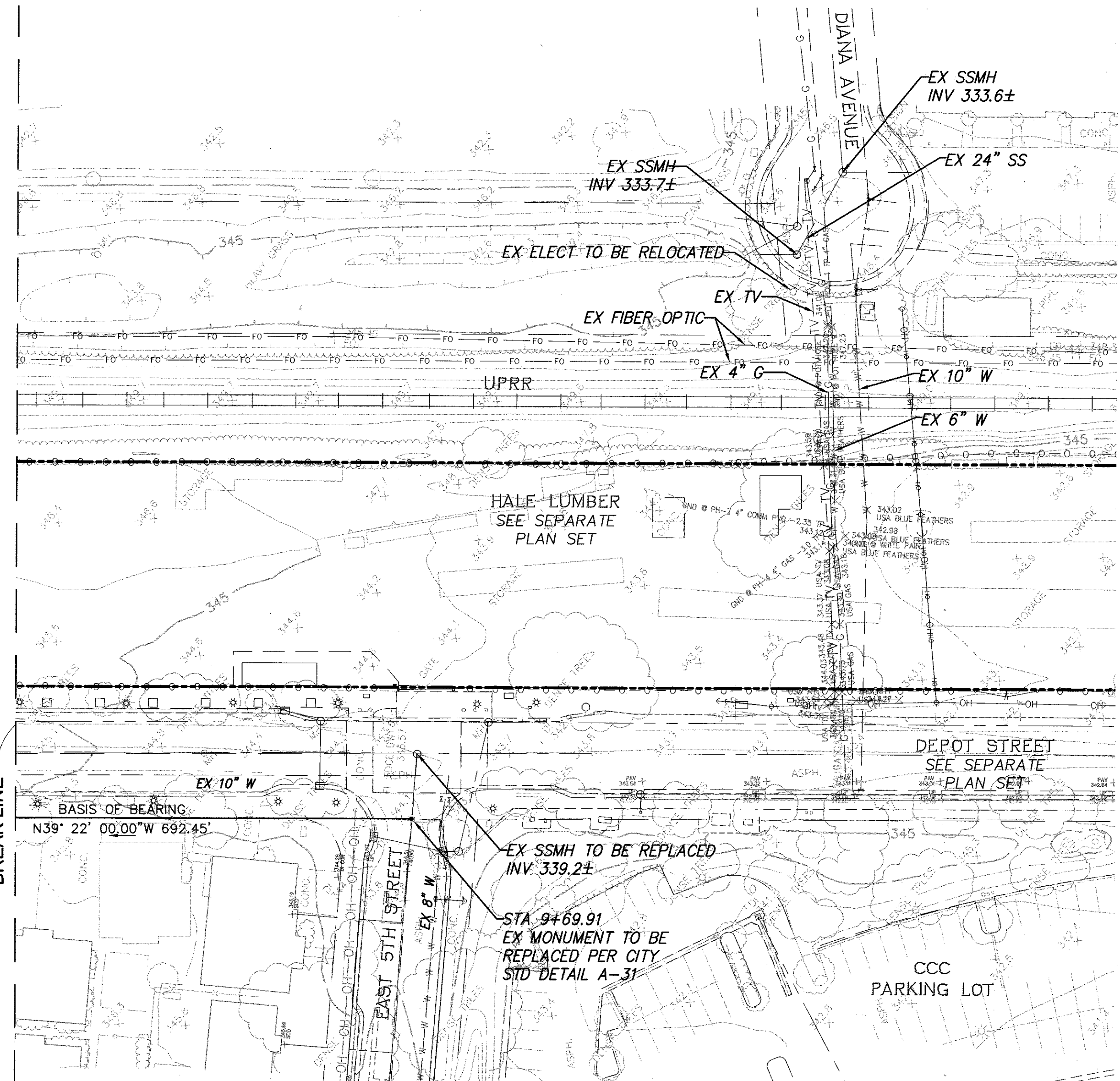
PLOT DATE: May 4, 2021
FILE PATH: W:\Users\16162018\Drawings\Final\Improvement Plans\Sanitary Sewer\4 EXISTING CONDITIONS AND DEMOLITION PLAN.dwg



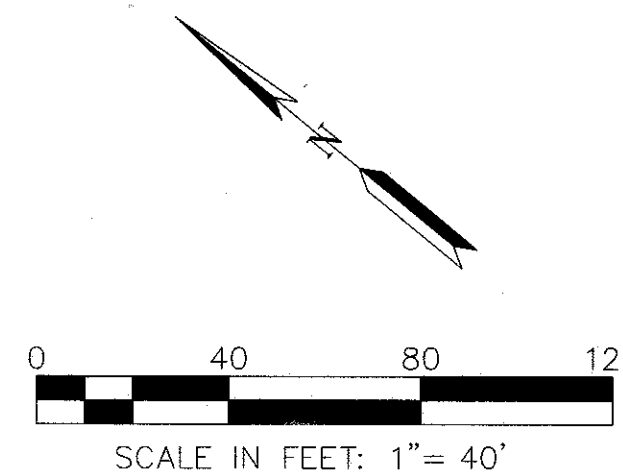
BRASS DISK

EAST 3RD STREET

BREAK LINE

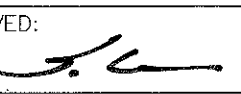


SEE AT LEFT



NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED:	INSPECTOR:
BY:	DATE:
Revisions	

DRAWN: RJA	DESIGN: RJA	HOR: 1"=40'
CHECKED:		VERT:
APPROVED: 	DATE: 5/14/2021	JOB NUMBER: 162016-2001
SCOTT C. GREER - CITY ENGINEER P.C.E. #56079		



City of Morgan Hill
Public Works Department

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480, Fax (408)779-7236

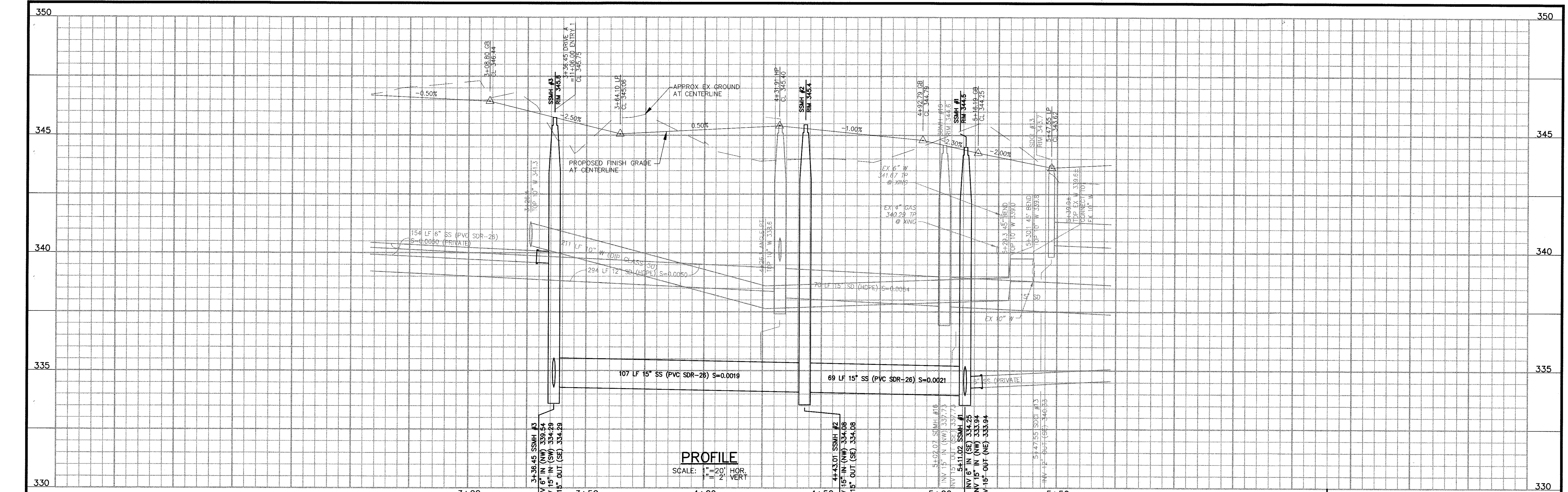


RUGGERI-JENSEN-AZAR
ENGINEERS • PLANNERS • SURVEYORS

8055 CAMINO ARROYO GILROY, CA 95020
PHONE: (408) 846-0300 FAX: (408) 846-0302

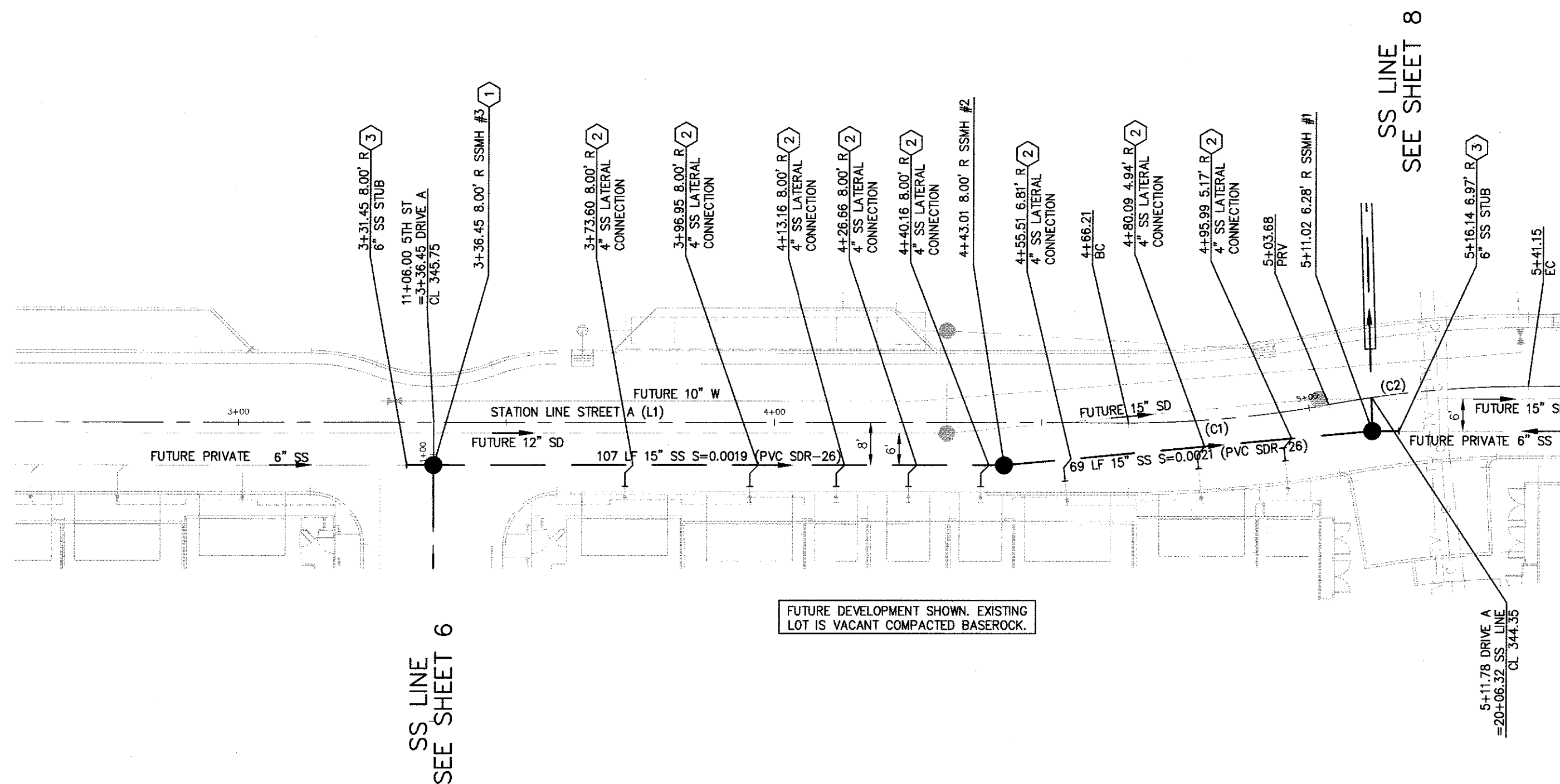
EXISTING CONDITIONS AND DEMOLITION PLAN
EAST FIFTH STREET SEWER MAIN
PROJECT

FILE NUMBER: 307T17
PRINT DATE: MAY 2021
SHEET NUMBER: 4 OF 10

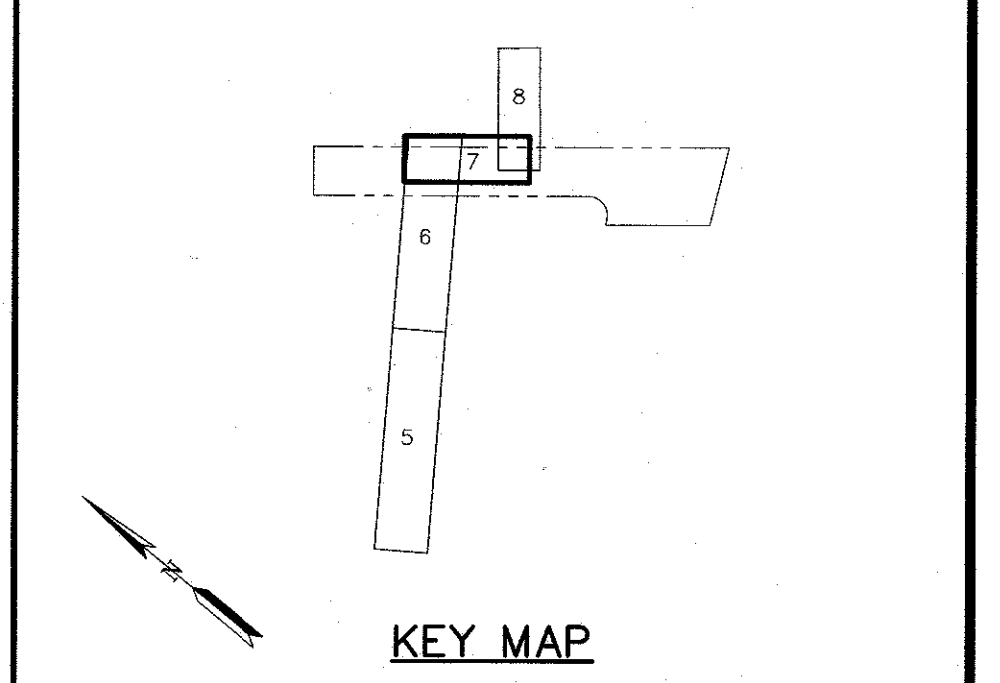


PROFILE
SCALE: 1"=20' HOR
1"=2' VERT

DRIVE A
SEE SEPARATE
PLAN SET



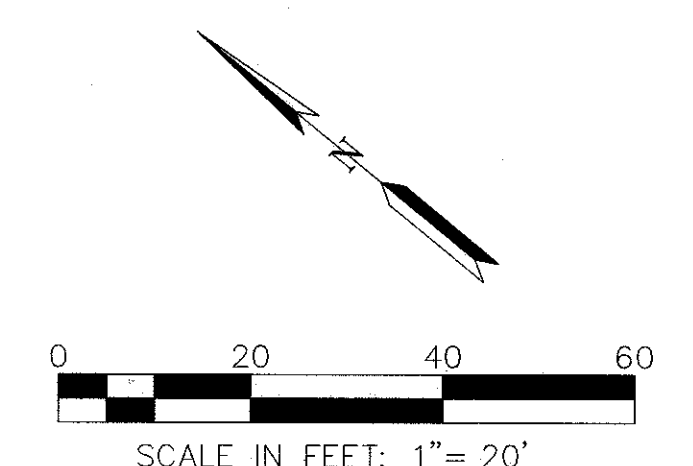
DRIVE A
PLAN
SCALE: 1"=20'



- CONSTRUCTION NOTES:
- 1 DROP MANHOLE PER CITY STD DWG NO. S-5 (SEE SHEET 3).
 - 2 CAP SS LAT 4 FT OUT. SEE CITY STD DWG NO. S-2 (SEE SHEET 3).
 - 3 STUB SS 5 FT OUT AT S=0.005 FOR FUTURE CONNECTION

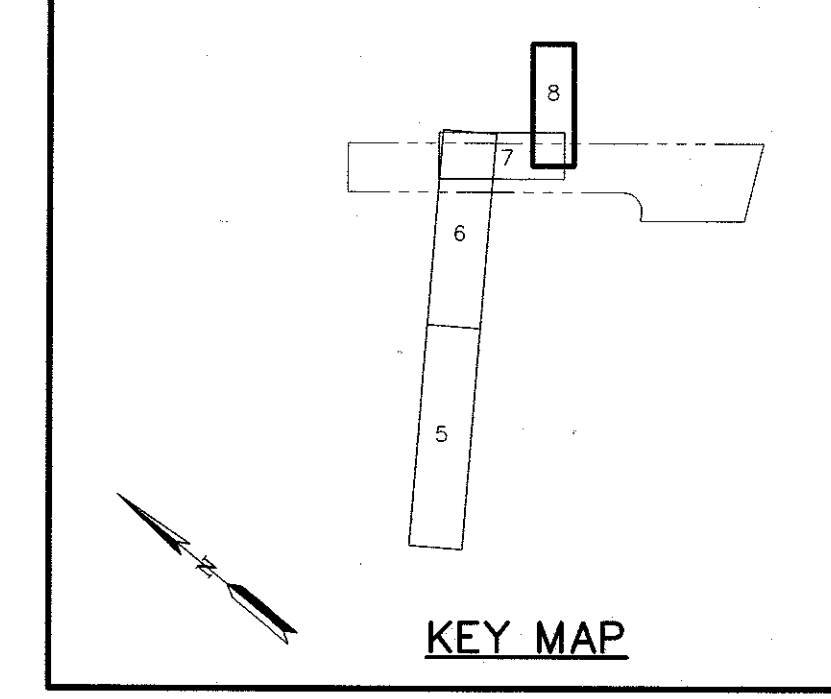
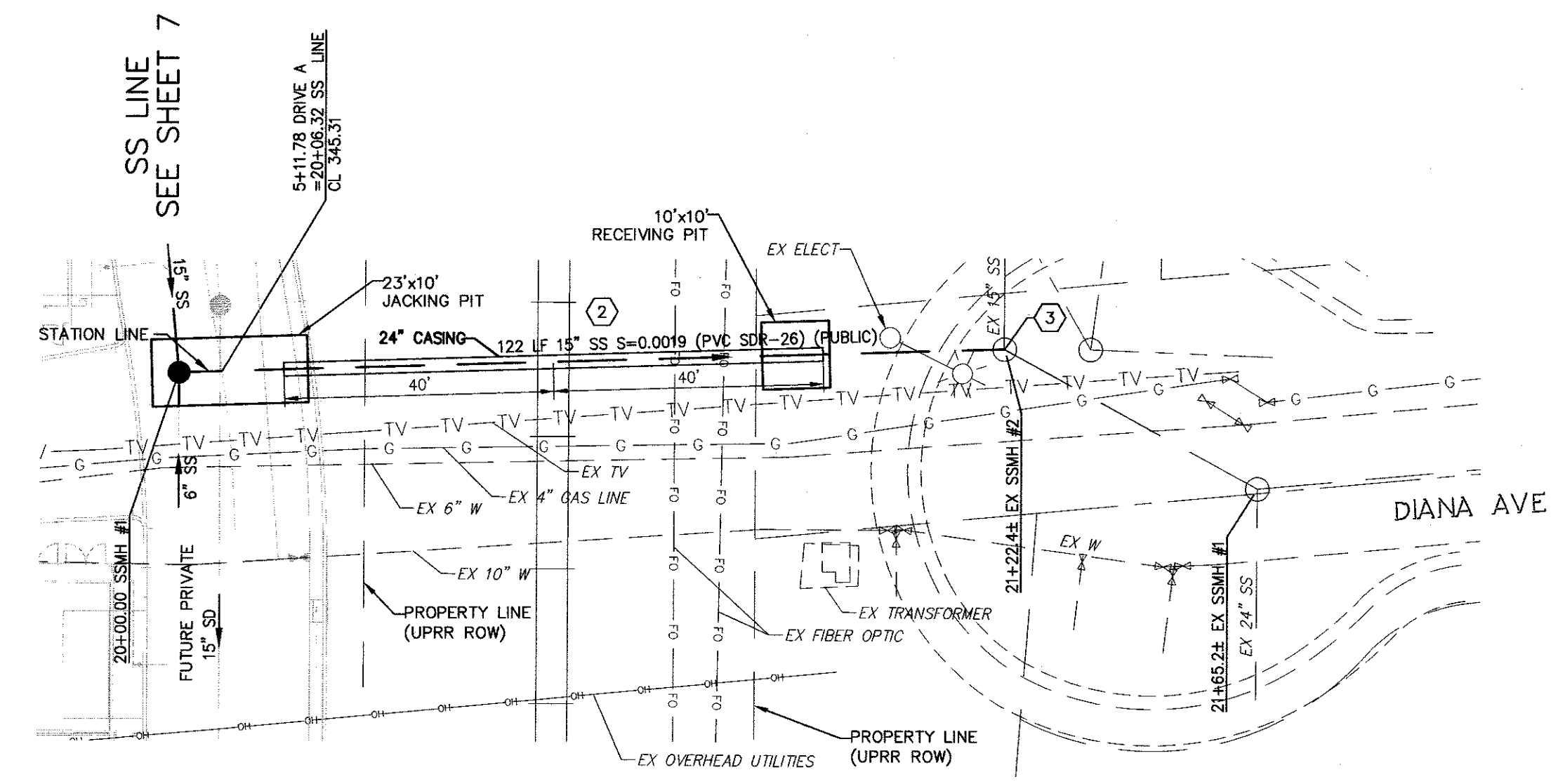
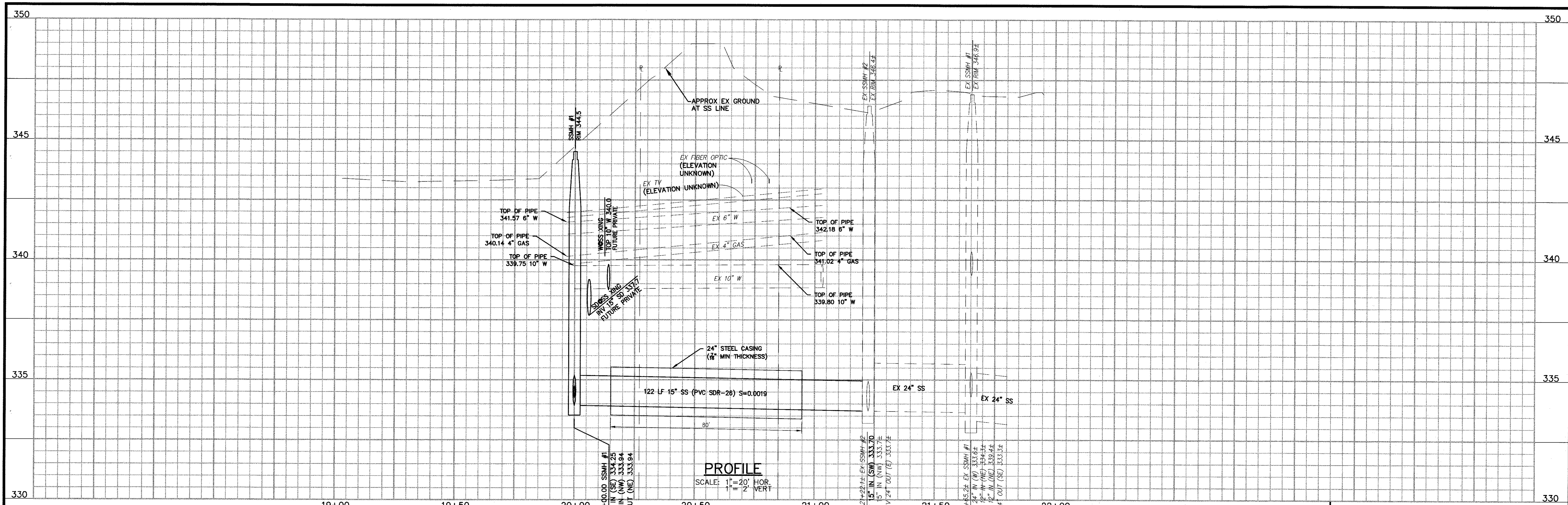
LINE TABLE		
LINE	BEARING	LENGTH
L1	S39°22'00"E	129.76'

CURVE TABLE			
LINE	LENGTH	RADIUS	DELTA
C1	37.47'	200.00'	10°44'05"
C2	37.47'	200.00'	10°44'05"

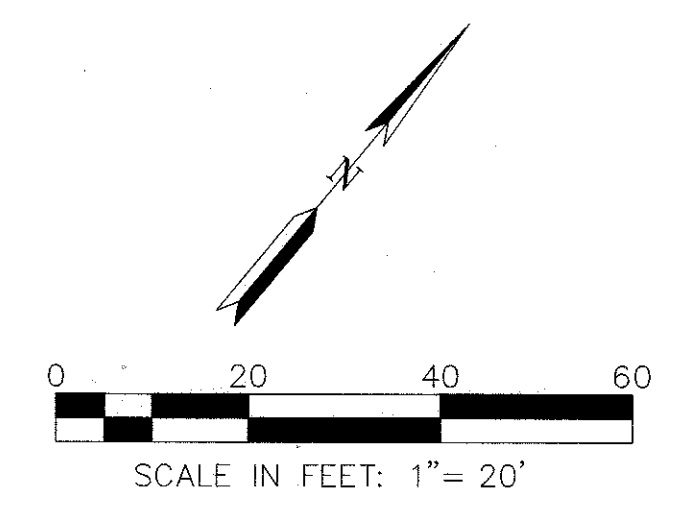


PLOT DATE: May 4, 2021
FILE PATH: W:\Jobs\16\162016\Drawings\Final\Improvement Plans\Offsite Sanitary Sewer\7 SANITARY SEWER LINE - WITHIN DRIVE A.dwg

NO.	DESCRIPTION	DATE	BY	Revisions	WORK ACCEPTED: INSPECTOR:	DRAWN: RJA DESIGN: RJA HOR: 1"=20' VERT: 1"=2'	CHECKED: APPROVED: DATE: 5/14/2021 JOB NUMBER: 162016-2001	CITY OF MORGAN HILL Public Works Department 17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480, Fax (408)779-7236	RUGGERI-JENSEN-AZAR ENGINEERS • PLANNERS • SURVEYORS 3055 CAMINO ARROYO GILROY, CA 95020 PHONE: (408) 848-0300 FAX: (408) 848-0302	SANITARY SEWER LINE - WITHIN DRIVE A EAST FIFTH STREET SEWER MAIN PROJECT	FILE NUMBER: 307T17 PRINT DATE: MAY 2021 SHEET NUMBER: 7 OF 10
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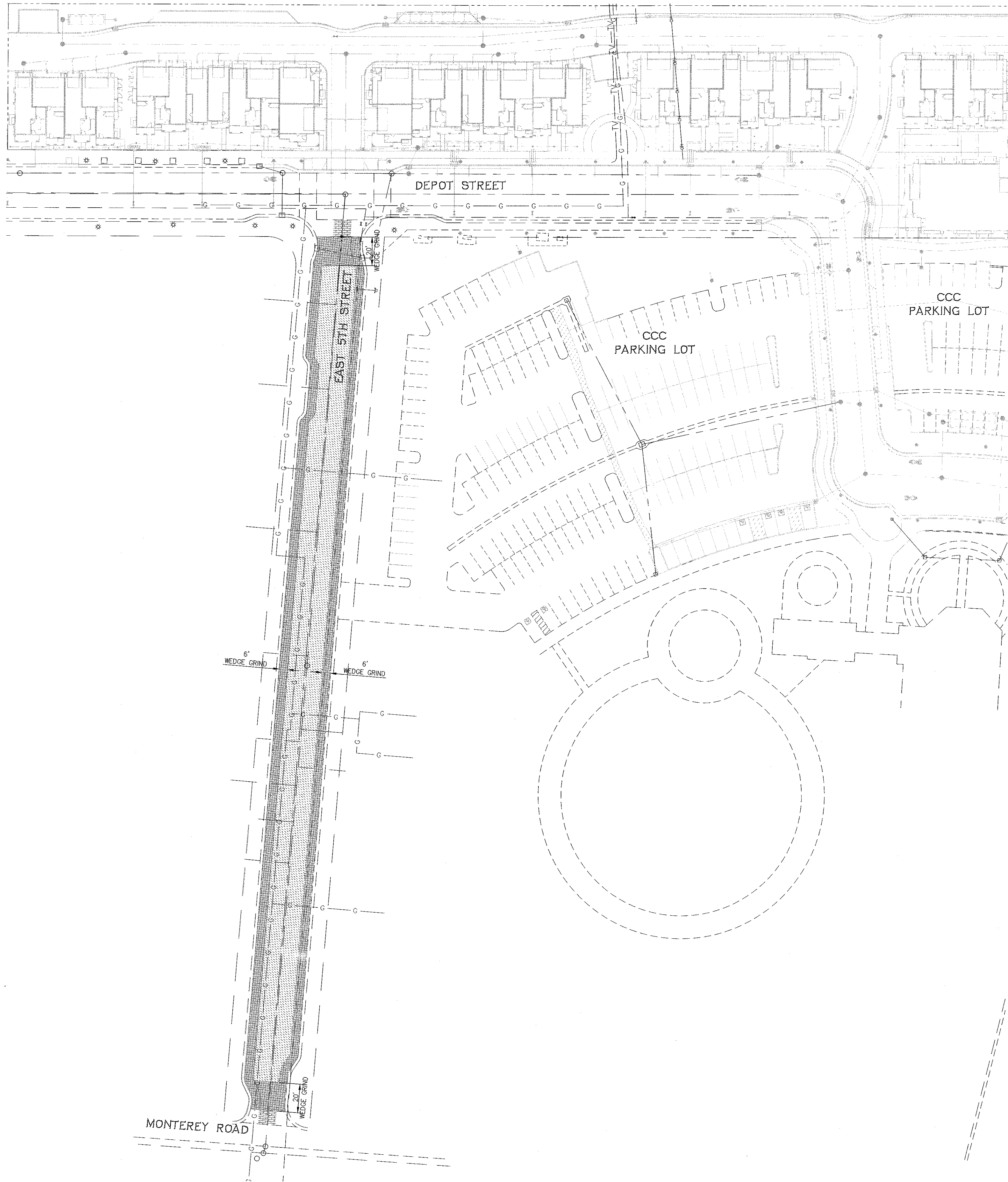
- CONSTRUCTION NOTES:
- ① DROP MANHOLE PER CITY STD DWG NO. S-5 (SEE SHEET 3).
 - ② SEE UNION PACIFIC RAILROAD PERMIT FOR CONSTRUCTION IN RAILROAD RIGHT OF WAY
 - ③ CONNECT TO EXISTING SSMH



SS LINE
PLAN
SCALE: 1"=20'

PLOT DATE: May 4, 2021
FILE PATH: W:\Jobs\16\162016\Drawings\Final\Improvement Plans\Offsite Sanitary Sewer\8 SANITARY SEWER LINE - DRIVE A TO END.dwg

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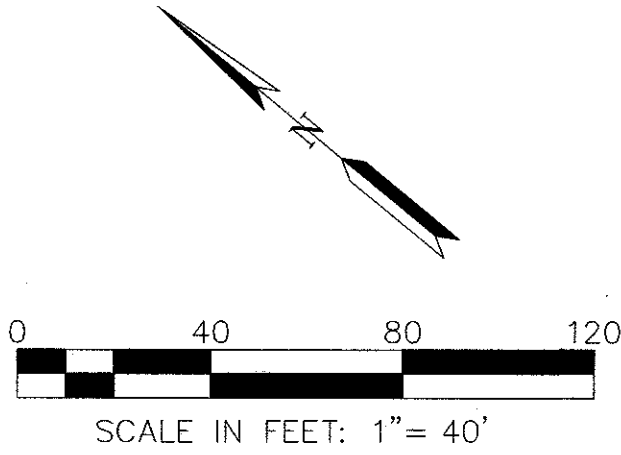
CONSTRUCTION NOTES

PAVING

1. Paving shall conform to the specifications of the City of Morgan Hill. "Standard Specifications" refers to the State of California Department of Transportation (CALTRANS) Standard Specifications, July 2018 Edition, as referenced below.
2. A prime coat of liquid asphalt, conforming to Section 39 of the Standard Specifications, shall be applied to all areas receiving asphalt concrete at the rate of 0.25 gallons per square yard.
3. Asphalt concrete (AC) shall consist of a mixture of sand, mineral aggregate, and liquid asphalt conforming to Standard Specifications type "A", 1/2" maximum, medium grading. Paving asphalt shall have viscosity grade AR4000. Asphalt concrete shall be a minimum of 4" in thickness and placed in lifts 2" in minimum thickness. No RAP is allowed in asphalt mix.
4. Tack coat of asphalt emulsion, conforming to the Standard Specifications, shall be applied to existing asphalt concrete surfaces and vertical concrete surfaces to receive new asphalt concrete, and to any lift in advance of spreading the next lift.
5. Seal coat shall be diluted with an equal amount of water and applied at the rate of 0.10 gallons per square yard to the surface of all new asphalt concrete pavement, which shall be free of dust and loose material prior to application. Seal coat shall be applied within 7 days of placement of top lift of asphalt.
6. All valve boxes and manholes to be set flush with finished grade unless otherwise noted.

LEGEND

- 2" AC OVERLAY
- WEDGE GRIND
- REMOVE AND REPLACE STAMPED CONCRETE AND STRIPING IN KIND, SCORE JOINT TO SCORE JOINT



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				WORK ACCEPTED:	INSPECTOR:	DRAWN:	DESIGN:	HOR:	 City of Morgan Hill Public Works Department		 RUGGERI-JENSEN-AZAR ENGINEERS • PLANNERS • SURVEYORS 8025 CAMINO ARROYO GILROY, CA 95020 PHONE: (408) 846-0300 FAX: (408) 846-0302	EAST 5TH STREET PAVING EAST FIFTH STREET SEWER MAIN PROJECT	FILE NUMBER: 307T17 PRINT DATE: MAY 2021 SHEET NUMBER: 9 OF 10
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				Revisions		APPROVED:  DATE: 5/14/2021		JOB NUMBER: 162016-2001	17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480, Fax (408)779-7236				
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