

CLOVIS UNIFIED SCHOOL DISTRICT

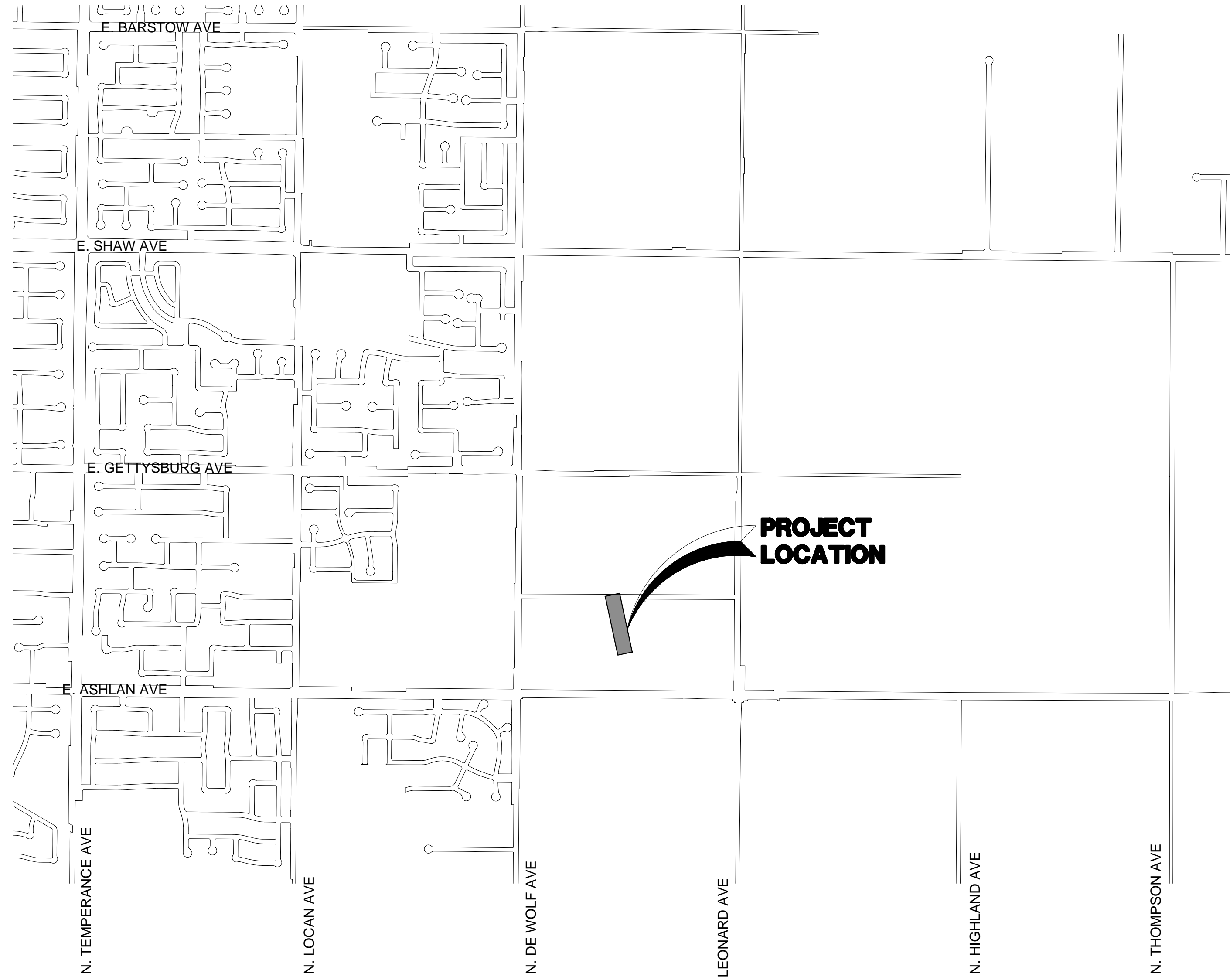
CORRINE FOLMER, ED. D., DISTRICT SUPERINTENDENT

PLANS FOR THE CONSTRUCTION OF SEWER LINE AT

CLOVIS EAST HIGH SCHOOL SOCCER STADIUM

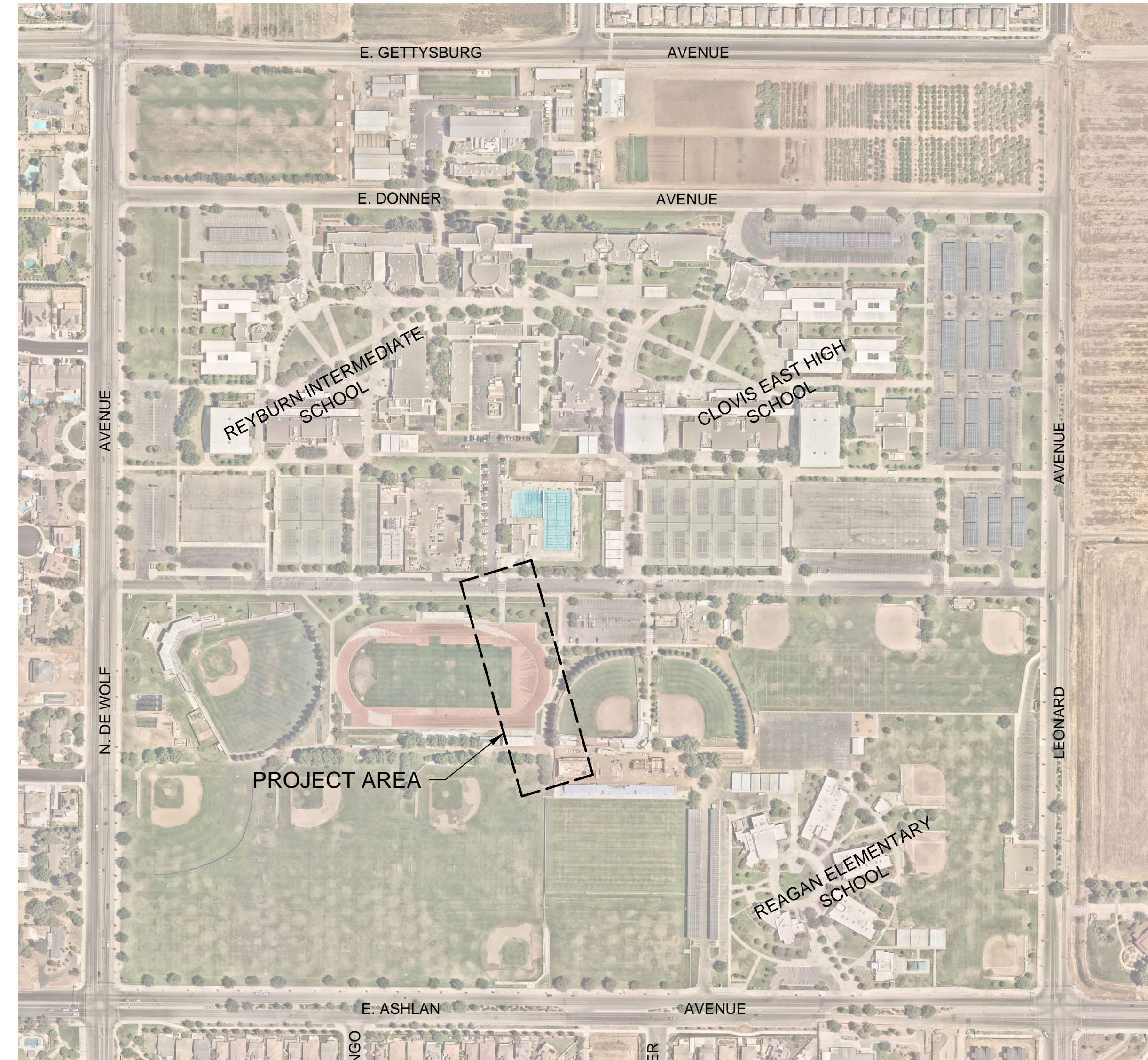
GENERAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE CONSTRUCTION DRAWINGS, THE CONTRACT SPECIFICATIONS AND, WHERE APPLICABLE, THE CITY STANDARDS AND THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS.
2. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE SCHOOL DISTRICT'S USE OF THE FACILITIES AND OTHER CONTRACTORS WHO MAY BE DOING CONSTRUCTION WITHIN THE PROJECT SITE.
3. THE CONTRACTOR SHALL CONTACT DISTRICT OFFICIALS FOR DETERMINATION OF DEPTH AND LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION IN THE PROJECT SITE.
4. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK OF THE CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES AND THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES IN THE WORK AREA, NOTIFY U.S.A. AT 1(800) 642-2444, TWO (2) DAYS PRIOR TO EXCAVATION.
5. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE (CBC).
6. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND EMERGENCY ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.



VICINITY MAP

NOT TO SCALE



SITE MAP

NOT TO SCALE

SITE ADDRESS

2940 LEONARD AVENUE
CLOVIS, CA 93619

PROJECT CONTACTS:

OWNER: CONTACT: CHRIS SMITH
CLOVIS UNIFIED SCHOOL DISTRICT
1450 HERNDON AVE
CLOVIS, CA 93611
PHONE: (559) 327-9240

CIVIL ENGINEER: CONTACT: LANE BADER
BLAIR, CHURCH & FLYNN
CONSULTING ENGINEERS
451 CLOVIS AVE., SUITE 200
CLOVIS, CA 93612
PHONE: (559) 326-1400

SCOPE OF WORK:

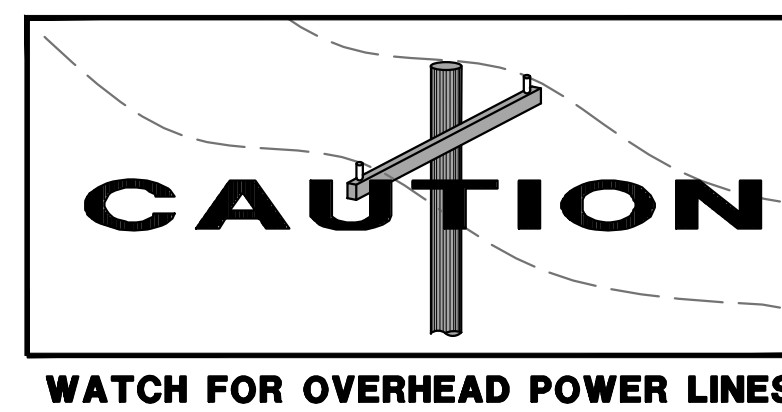
1. CONSTRUCTION OF A NEW SEWER LINE

APPLICABLE CODES:

2022 CALIFORNIA ADMIN. CODE, TITLE 24, PART 1, CCR
2022 CALIFORNIA BUILDING CODE, TITLE 24, PART 2, CCR

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3	DEMOLITION PLAN
4	SITE AND DIMENSION PLAN
5	GRADING AND DRAINAGE PLAN
6	UTILITY PLAN
7	DETAILS
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9	DETAILS
TOTAL SHEET COUNT: 10	

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONTRACTOR ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE PERFORMANCE OF WORK, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, ON A CONTINUOUS BASIS NOT LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD HARMLESS BLAIR, CHURCH & FLYNN CONSULTING ENGINEERS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF BLAIR, CHURCH & FLYNN CONSULTING ENGINEERS.



Blair,
Church
& Flynn
CONSULTING ENGINEERS



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REF. & REV.

CLOVIS UNIFIED SCHOOL DISTRICT

CLOVIS EAST HIGH SCHOOL SOCCER STADIUM
SEWER IMPROVEMENTS
TITLE, VICINITY MAP AND SITE MAP

CONST. DOCUMENTS
DR. BY: _____ SHEET NO. 1
CH. BY: _____ OF 10 SHEETS
DATE: _____ SCALE AS NOTED

Drawing: P:\2022\20220515\BlairChurchFlynn\20220515_CU_Sewer\20220515_CU_Sewer_Map_Vicinity_Map.dwg, Plot by: murray, May 08, 2022, 8:13am

GENERAL TOPOGRAPHIC SURVEY LEGEND:

(NOT ALL SYMBOLS SHOWN APPEAR ON THE PLANS)

AB	ABUTMENT	POS	POINT ON SLOPE	□CVA	COMMUNICATION VAULT	○4'SLV	PIPE SLEEVE; DIAMETER AS SHOWN	—350—	MAJOR GRADE CONTOUR LINE
AC	ASPHALTIC CONCRETE	RCP	REINFORCED CONCRETE	△312.55	SURVEY CONTROL MONUMENT	⊙	SEWER MANHOLE	—345—	MINOR GRADE CONTOUR LINE
ACE	ASPHALTIC CONCRETE EDGE	REL	RIPARIAN EDGE OF LAKE	○DF	DRINKING FOUNTAIN	□SP	SERVICE POLE	—CR 2"—	CHILLED WATER LINE; SIZE AS NOTED
AD	ASPHALTIC CONCRETE DIKE	REP	RIPARIAN EDGE OF POND	○DS	DOORSTOP	□SPB	SIGNAL PULLBOX	—CWR 2"—	CHILLED WATER RETURN LINE; SIZE AS NOTED
AWT	ALL-WEATHER TRACK	RES	RIPARIAN EDGE OF STREAM	○DW	DRYWELL	*	SPRINKLER	—CWS 2"—	CHILLED WATER SUPPLY LINE; SIZE AS NOTED
BD	BRIDGE DECK	RIEW	RIPARIAN EDGE OF WETLAND	○EG	ELECTRICAL GROUND	○4'SPO	STEEL POST; DIAMETER AS SHOWN	---	LIMIT OF DIRT
BFC	BOTTOM FACE OF CURB	RIFL	RIPARIAN FLOWLINE	○ELC	ELECTRICAL CONDUIT	○12'SS	SAND SEPARATOR; SIZE AS NOTED	---	LIMIT OF TURF
BGST	STEPS	RIMC	RIPARIAN MISC.	□E	ELECTRICAL METER	○24'STP	STAND PIPE; DIAMETER AS NOTED	—DL 1"—	DRAIN LINE; SIZE AS NOTED
BGTR	TOP OF ROOF	RIP	RIP-RAP SLOPE PROTECTION	□EPB	ELECTRICAL PULLBOX	⊙12'STAMP	TREE STUMP; DIAMETER AS SHOWN	—EMS—	EMERGENCY MANAGEMENT SYSTEM
BGV	BUILDING VENTS	RK	ROCK	⊙E	ELECTRICAL VAULT LID	○MW	SURVEY MONUMENT WELL	—FA—	FIRE ALARM LINE
BOD	BOTTOM OF DITCH	RW	RETAINING WALL	○ETS	GAS ELECTRONIC TESTING STATION	○4'TEL	TELEPHONE; DIAMETER AS SHOWN	—F 8"—	FIRE LINE; SIZE AS NOTED
BR	BARRICADE	SB	SPEED BUMP	□FDC	FIRE DEPARTMENT CONNECTION	⊙	TELEPHONE MANHOLE	—FD—	FIBER OPTIC LINE
BRK	BRICK	SDCD	STORM DRAIN CROSS DRAIN	□	FIRE HYDRANT	○JW	TENNIS NET POLE	=====	DRAIN TUBE
BW	BARRIER WALL	SDFL	STORM DRAIN FLOWLINE	○FP	FENCE POST	○JP	TELEPHONE POLE	—HB 2"—	HOT WATER LINE; SIZE AS NOTED
CB	CATCH BASIN	SDGR	STORM DRAIN GRATE	○FLP	FLAG POLE	□JPB	TELEPHONE PULLBOX	—HWR 2"—	HOT WATER RETURN LINE; SIZE AS NOTED
CDA	CONCRETE DRIVE APPROACH	SDMG	STORM DRAIN MANHOLE W/ GRATE	○GAS	GAS LINE; DIAMETER AS SHOWN	□JPB	TELEVISION PULLBOX	—HWS 2"—	HOT WATER SUPPLY LINE; SIZE AS NOTED
CE	CONCRETE EDGE	SDTH	STORM DRAIN TRENCH	□GY	GAS REGULATOR	⊙	TREE; SPREAD SHOWN GRAPHICALLY AND TRUNK DIAMETER AS SHOWN	—HYD—	HYDRAULIC LINE
CMP	CORRUGATED METAL PIPE	SSGT	STORM DRAIN GREASE TRAP	□GAY	IRRIGATION GATE VALVE	⊙	PALM TREE; SPREAD SHOWN GRAPHICALLY	—ID 18"—	IRRIGATION DISTRICT; SIZE AS NOTED
ODN	CONCRETE	SSST	SEWER TANK (SEPTIC)	□GQ	GAS METER	⊙	TELEPHONE SPLICE BOX	—IR 8"—	IRRIGATION MAIN LINE; SIZE AS NOTED
COTH	COMMUNICATION TRENCH	SSTH	SEWER TRENCH	○GQP	GOAL POST	⊙	TRAFFIC SIGNAL POLE	—L 1"—	IRRIGATION LATERAL LINE; SIZE AS NOTED
CR	CROWN OF ROAD	SWK	SIDEWALK	○GP	GUY POLE	□JSP	TRAFFIC SIGNAL PULLBOX	—ITS—	INTELLIGENT TRAFFIC SYSTEM
CRQ	QUARTER CROWN	SWL	SWALE	○GS	GATE STOP	□JSPB	UTILITY POLE	—JT—	JOINTLY TRENCHED UTILITIES
CS	CONCRETE SLAB	T	TURF	○GSR	GAS RISER	□JSPB	VACUUM BREAKER	—OC—	OVERHEAD COMMUNICATIONS LINE
CULV	CULVERT	TBC	TOP BACK OF CURB	⊙GV	GAS VALVE	□JSPB	VENT PIPE; DIAMETER AS SHOWN	—OE—	OVERHEAD ELECTRIC LINE
CW	CONCRETE WALL	TBW	TOP BACK OF WALK	○GRD	GROUNDING ROD	○UP	WELL	—OEC—	OVERHEAD ELECTRIC AND COMMUNICATION LINE
DD	DOWN DRAIN	TF	TOP OF FOOTING	○GUY	GUY WIRE	○VB	WATER METER	—OET—	OVERHEAD ELECTRIC AND TELEVISION LINE
DFL	DITCH FLOWLINE	TFC	TOP FACE OF CURB	○GSR	HOSE BIBB	○VW	WELL PUMP	—OETV—	OVERHEAD ELECTRIC, TELEVISION AND TELEPHONE LINE
DWY	DRIVEWAY	TFW	TOP FACE OF WALK	○HR	HANDRAIL	○VPL	CIRCULAR WOOD POST; DIAMETER AS SHOWN	—OTS—	OVERHEAD TRAFFIC SIGNAL LINE
ECTH	ELECTRICAL TRENCH	TLTH	TELEPHONE TRENCH	□ICF	IRRIGATION CONTROLLER	⊙	SQUARE WOOD POST; SIZE AS SHOWN	—OTV—	OVERHEAD TELEVISION LINE
EDR	EDGE OF DIRT ROAD	TDB	TOP OF BANK	⊙	IRRIGATION DISTRICT MANHOLE	⊙	WATER VALVE	—OU—	OVERHEAD UTILITY LINE
EDR	EDGE OF GRAVEL ROAD	TDE	TOE OF SLOPE	□IAC	IRRIGATION REMOTE CONTROL VALVE	⊙	ASPHALT PAVEMENT	—P 8"—	PETROLEUM LINE; SIZE AS NOTED
EOD	EDGE OF OILED DIRT	TOP	TOP OF SLOPE	□IAB	IRRIGATION SPLICE BOX	⊙	CONCRETE BLOCK WALL	—RW 2"—	RECYCLED WATER IRRIGATION LINE; SIZE AS NOTED
EP	EDGE OF PAVEMENT	TRDO	TRUNCATED DOMES	□ISB	IN-GROUND HOSE BIBB	⊙	BUILDING	—SASD 8"—	SEWER AND STORM DRAIN LINE; SIZE AS NOTED
ES	EDGE OF SHOULDER	TVTH	TV TRENCH	□ISF	IRON PIPE	⊙	CONCRETE	—SFU 8"—	SEWER FORCE MAIN; SIZE AS NOTED
ET	EDGE OF TRAVELED WAY	TW	TOP OF WALL	□ISF	JOINT UTILITY POLE	⊙	DETECTABLE WARNINGS	—ST 2"—	STEAM LINE; SIZE AS NOTED
FF	FINISH FLOOR	UTH	UNIDENTIFIED TRENCH/SCAR LINE	□JLP	LIGHT POLE	⊙	DG OR GRAVEL	—TFO—	TRAFFIC FIBER OPTIC LINE
FDTH	FIBER OPTIC TRENCH	VGFL	VALLEY GUTTER FLOWLINE	□JMB	MAIL BOX	⊙	CHAIN LINK FENCE	—TS—	TRAFFIC SIGNAL LINE
GB	GRADE BREAK	VGR	VALLEY GUTTER	⊙	MANHOLE	⊙	CHAIN LINK ROLL GATE	—TV—	TELEVISION LINE
GFL	GUTTER FLOWLINE	WALBA	BARRIER WALL	⊙	MANUAL IRRIGATION VALVE	⊙	EDGE OF ASPHALT PAVEMENT	—UPK—	UNKNOWN UTILITY LINE
GR	GRATE	WALBW	BLOCK WALL	□JMB	PULLBOX	⊙	WOOD FENCE	—X—	WIRE FENCE
GRA	GRAVEL SPOT SHOT	WALCW	CONCRETE WALL	○JMV	POST INDICATOR VALVE	⊙	DIRECTION OF FLOW	—	PROPERTY LINE
GRAE	EDGE OF GRAVEL	WALHW	HEAD WALL	⊙	UTILITY STUB	⊙	UNDERGROUND ELECTRIC	—	CITY LIMIT
GSTH	GAS TRENCH	WALRW	RETAINING WALL	⊙	PARKING METER	⊙	GAS LINE; SIZE AS NOTED	---	EASEMENT 1
HDR	WOOD HEADER	WALWW	WING WALL	○JPGST	POST; DIAMETER AS SHOWN	⊙	OVERHEAD TELEPHONE	---	EASEMENT 2
HW	HEAD WALL	WCR	WHEELCHAIR RAMP	□JP	POWER POLE	⊙	STORM DRAIN LINE; SIZE AS NOTED	---	RIGHT-OF-WAY LINE
KR	K-RAIL	WLPD	WELL PAD	○JPC	PVC PIPE; DIAMETER AS SHOWN	⊙	SEWER LINE; SIZE AS NOTED	---	RIGHT-OF-WAY CENTER LINE
LIP	LIP OF GUTTER	WTH	WATER TRENCH	△OC	QUICK COUPLER VALVE	⊙	UNDERGROUND TELEPHONE	---	SETBACK LINE
LSDE	DECOMPOSED GRANITE EDGE	WW	WING WALL	○RD	ROOF DRAIN	⊙	WATER LINE; SIZE AS NOTED		
LSDG	DECOMPOSED GRANITE	(225.21)	EXISTING ELEVATION	○ROU	ROOF DRAIN UNDERGROUND	⊙	AGRICULTURAL IRRIGATION LINE; SIZE AS NOTED		
LSGC	GROUND COVER	○AL	ACCENT LIGHT	○RS	ROOF SUPPORT	⊙	AIR LINE; SIZE AS NOTED		
LSGF	GOLF COURSE FAIRWAY	△AL	ALFALFA VALVE	⊙	STADIUM LIGHT POLE	⊙	COMMUNICATION LINE		
LSGG	GOLF COURSE GREEN	□	BACKFLOW ASSEMBLY	△AL	STORM DRAIN MANHOLE	⊙			
LSGT	GOLF COURSE TEE	□	BASKETBALL GOAL	⊙	SIGN	⊙			
LSSA	SAND	○BDV	BLOW-OFF VALVE	□JPB	SIGNAL LIGHT PUSH BUTTON	⊙			
LSSP	SLOPE PROTECTION	⊙	BM=BENCHMARK; OR SBM=SITE BENCHMARK	○JPC	STREET LIGHT	⊙			
LSST	GOLF COURSE SAND TRAP	○BO	BOLLARD	○JPC	PIPE SLEEVE; DIAMETER AS SHOWN	⊙			
NPTH	NON-POTABLE TRENCH	○CO	CLEANOUT	□JPB	SLOPE	⊙			
PA	PATIO	□COPB	COMMUNICATION PULLBOX	□JPB	STREET LIGHT PULLBOX	⊙			
PGTH	PROPANE GAS TRENCH								

Blair, Church & Flynn
CONSULTING ENGINEERS

REGISTERED PROFESSIONAL ENGINEER
L. N. R. B. A. D. No. 47,553
CIVIL
STATE OF CALIFORNIA
06/07/24
Date Signed:

CONSULTANT	REF. & REV.
Blair, Church & Flynn Consulting Engineers 455 Clovis Avenue, Suite 500 Clovis, California 93612 Tel (559) 326-1400 Fax (559) 326-1500	

CLOVIS UNIFIED SCHOOL DISTRICT

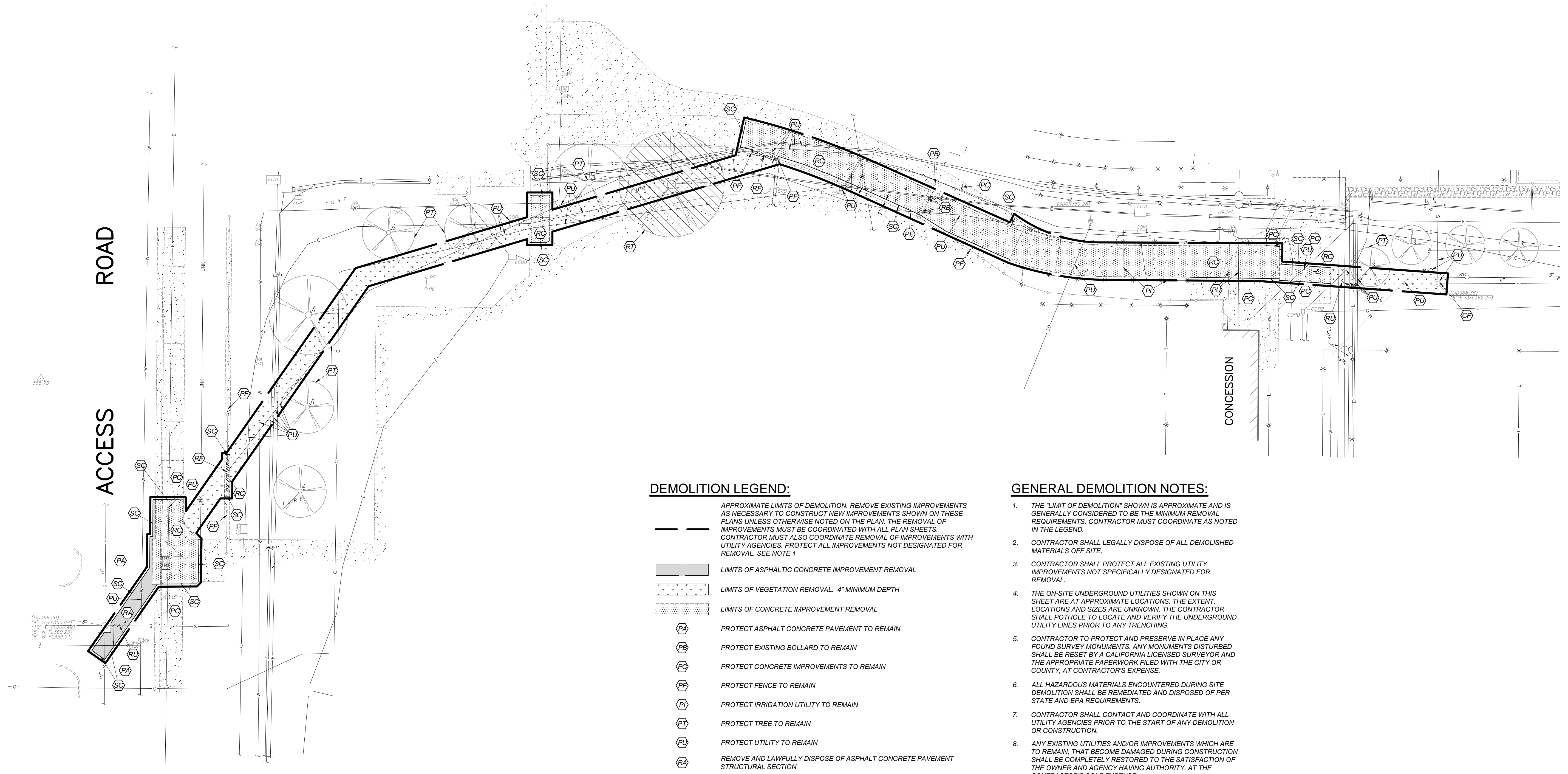
CLOVIS EAST HIGH SCHOOL SOCCER STADIUM
SEWER IMPROVEMENTS
TOPOGRAPHIC SURVEY
LEGEND AND NOTES

CONST. DOCUMENTS

DR. BY: _____
CH. BY: _____
DATE: _____
SCALE AS NOTED

SHEET NO. **2**
OF **10** SHEETS

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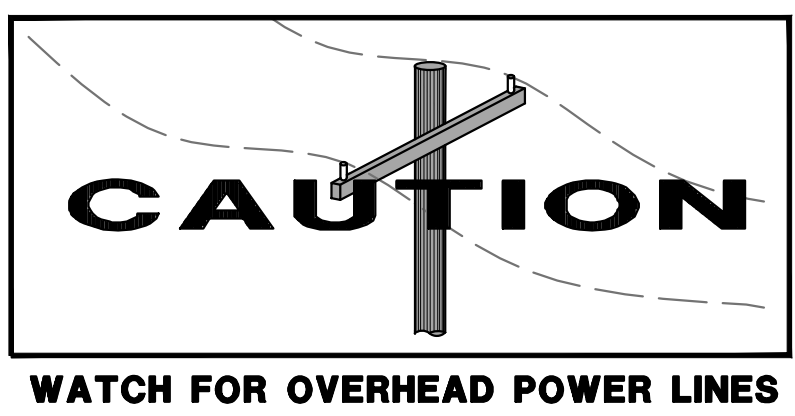
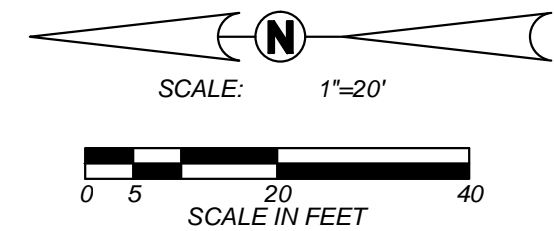


DEMOLITION LEGEND:

- APPROXIMATE LIMITS OF DEMOLITION. REMOVE EXISTING IMPROVEMENTS AS NECESSARY TO CONSTRUCT NEW IMPROVEMENTS SHOWN ON THESE PLANS UNLESS OTHERWISE NOTED ON THE PLAN. THE REMOVAL OF IMPROVEMENTS MUST BE COORDINATED WITH ALL PLAN SHEETS. CONTRACTOR MUST ALSO COORDINATE REMOVAL OF IMPROVEMENTS WITH UTILITY AGENCIES. PROTECT ALL IMPROVEMENTS NOT DESIGNATED FOR REMOVAL. SEE NOTE 1
- [Shaded Area] LIMITS OF ASPHALTIC CONCRETE IMPROVEMENT REMOVAL
- [Dotted Area] LIMITS OF VEGETATION REMOVAL. 4" MINIMUM DEPTH
- [Cross-hatched Area] LIMITS OF CONCRETE IMPROVEMENT REMOVAL
- (PA) PROTECT ASPHALT CONCRETE PAVEMENT TO REMAIN
- (PB) PROTECT EXISTING BOLLARD TO REMAIN
- (PC) PROTECT CONCRETE IMPROVEMENTS TO REMAIN
- (PF) PROTECT FENCE TO REMAIN
- (PI) PROTECT IRRIGATION UTILITY TO REMAIN
- (PT) PROTECT TREE TO REMAIN
- (PL) PROTECT UTILITY TO REMAIN
- (RA) REMOVE AND LAWFULLY DISPOSE OF ASPHALT CONCRETE PAVEMENT STRUCTURAL SECTION
- (RB) REMOVE AND SALVAGE EXISTING BOLLARD FOR REINSTALLATION
- (RC) REMOVE AND LAWFULLY DISPOSE OF CONCRETE IMPROVEMENTS
- (RF) REMOVE AND LAWFULLY DISPOSE OF CHAIN LINK FENCE FABRIC, POSTS AND FOOTINGS
- (RT) REMOVE AND LAWFULLY DISPOSE OF TREE AND ROOTS. EXISTING COMMUNICATIONS LINE IS CLOSE TO TREE. TAKE EXTRA CARE NOT TO DAMAGE COMMUNICATIONS CONDUIT DURING TREE REMOVAL.
- (RL) REMOVE AND LAWFULLY DISPOSE OF UTILITY
- (SC) SAWCUT
- (CP) CUT AND CAP PVC SEWER TO SOUTH OF MANHOLE (ABANDON IN PLACE).
- (Tree Symbol) REMOVE TREE
- - - - - LIMIT OF CHAIN LINK FENCE REMOVAL
- - - - - LIMIT OF SEWER LINE REMOVAL
- - - - - LIMIT OF STORM DRAIN LINE REMOVAL

GENERAL DEMOLITION NOTES:

1. THE "LIMIT OF DEMOLITION" SHOWN IS APPROXIMATE AND IS GENERALLY CONSIDERED TO BE THE MINIMUM REMOVAL REQUIREMENTS. CONTRACTOR MUST COORDINATE AS NOTED IN THE LEGEND.
2. CONTRACTOR SHALL LEGALLY DISPOSE OF ALL DEMOLISHED MATERIALS OFF SITE.
3. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITY IMPROVEMENTS NOT SPECIFICALLY DESIGNATED FOR REMOVAL.
4. THE ON-SITE UNDERGROUND UTILITIES SHOWN ON THIS SHEET ARE AT APPROXIMATE LOCATIONS. THE EXTENT, LOCATIONS AND SIZES ARE UNKNOWN. THE CONTRACTOR SHALL POT-HOLE TO LOCATE AND VERIFY THE UNDERGROUND UTILITY LINES PRIOR TO ANY TRENCHING.
5. CONTRACTOR TO PROTECT AND PRESERVE IN PLACE ANY FOUND SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE RESET BY A CALIFORNIA LICENSED SURVEYOR AND THE APPROPRIATE PAPERWORK FILED WITH THE CITY OR COUNTY, AT CONTRACTOR'S EXPENSE.
6. ALL HAZARDOUS MATERIALS ENCOUNTERED DURING SITE DEMOLITION SHALL BE REMEDIATED AND DISPOSED OF PER STATE AND EPA REQUIREMENTS.
7. CONTRACTOR SHALL CONTACT AND COORDINATE WITH ALL UTILITY AGENCIES PRIOR TO THE START OF ANY DEMOLITION OR CONSTRUCTION.
8. ANY EXISTING UTILITIES AND/OR IMPROVEMENTS WHICH ARE TO REMAIN, THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE OWNER AND AGENCY HAVING AUTHORITY, AT THE CONTRACTOR'S SOLE EXPENSE.
9. REMOVE EXISTING IMPROVEMENTS AS NECESSARY TO CONSTRUCT NEW IMPROVEMENTS SHOWN ON THESE PLANS.
 - a) FOR CONCRETE REMOVAL, REMOVE TO THE NEXT NEAREST TOOLED JOINT OR EXPANSION JOINT OF IMPROVEMENTS DESIGNATED TO REMAIN.
10. COMPLIANCE WITH FIRE SAFETY DURING CONSTRUCTION WILL BE ENFORCED.

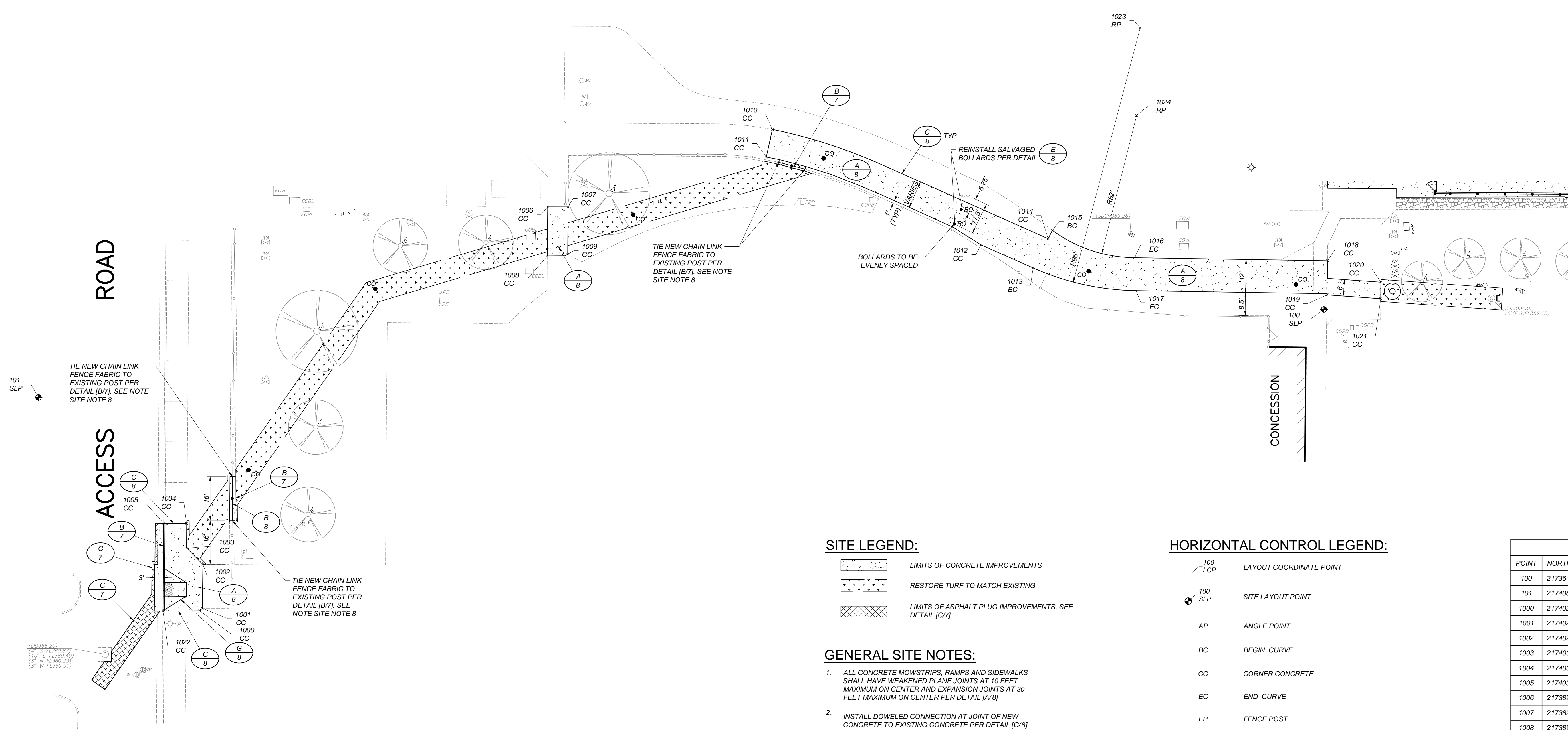


Blair, Church & Flynn
CONSULTING ENGINEERS

10/30/24 Date Signed:

CONSULTANT	REF. & REV.	CLOVIS UNIFIED SCHOOL DISTRICT
Blair, Church & Flynn Consulting Engineers 455 Clovis Avenue, Suite 500 Clovis, California 93612 Tel (559) 326-1400 Fax (559) 326-1500		CLOVIS EAST HIGH SCHOOL SOCCER STADIUM SEWER IMPROVEMENTS
		CONST. DOCUMENTS
		DR. BY: _____ SHEET NO. 3
		DATE: _____ OF 10 SHEETS
		SCALE AS NOTED

Drawing: P:\2024\20240501\Clovis Unified School District Sewer Improvements\DWG\24-0501-03.dwg, Date: 10/30/24, 10:53 AM
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SITE LEGEND:

- LIMITS OF CONCRETE IMPROVEMENTS
- RESTORE TURF TO MATCH EXISTING
- LIMITS OF ASPHALT PLUG IMPROVEMENTS. SEE DETAIL [C7]

GENERAL SITE NOTES:

- ALL CONCRETE MOWSTRIPS, RAMPS AND SIDEWALKS SHALL HAVE WEAKENED PLANE JOINTS AT 10 FEET MAXIMUM ON CENTER AND EXPANSION JOINTS AT 30 FEET MAXIMUM ON CENTER PER DETAIL [A/B]
- INSTALL DOWELED CONNECTION AT JOINT OF NEW CONCRETE TO EXISTING CONCRETE PER DETAIL [C/B]
- NO CONCRETE MAY BE POURED UNTIL THE FORMS HAVE BEEN REVIEWED AND APPROVED BY THE PROJECT INSPECTOR.
- ALL BURIED METALLIC OBJECTS SHALL HAVE A PROTECTIVE COATING OR BE WRAPPED WITH APPROVED PROTECTIVE WRAP.
- ADJUST EXISTING SPRINKLER HEADS AND LATERAL LINES AS REQUIRED BY NEW IMPROVEMENTS, OR AS SHOWN ON THE IRRIGATION PLANS.
- 2 WORKING DAYS BEFORE COMMENCING EXCAVATION OPERATIONS WITHIN THE STREET RIGHT-OF-WAY AND/OR UTILITY EASEMENTS, ALL EXISTING UNDERGROUND FACILITIES SHALL HAVE BEEN LOCATED BY UNDERGROUND SERVICES ALERT (USA). CALL 1-800-642-2444
- ANY SURVEY MONUMENTS WITHIN THE AREA OF CONSTRUCTION SHALL BE PRESERVED OR RESET BY A PERSON LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA. REPLACEMENT TO BE AT CONTRACTOR'S SOLE EXPENSE.
- IT MAY ALSO BE ACCEPTABLE TO LEAVE THE EXISTING FENCE IN PLACE AND TRENCH BENEATH.

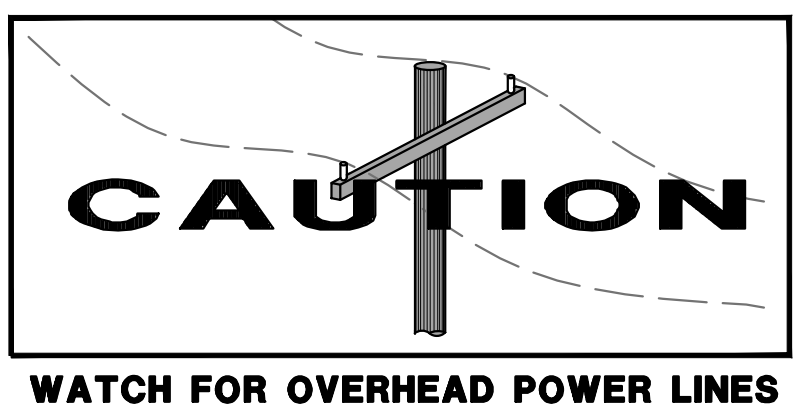
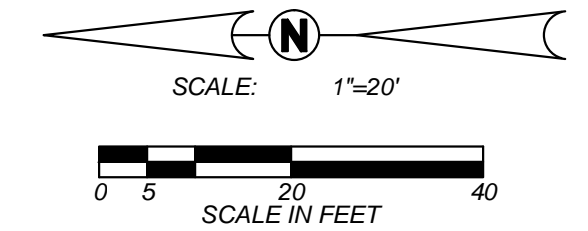
HORIZONTAL CONTROL LEGEND:

- 100 LCP LAYOUT COORDINATE POINT
- 100 SLP SITE LAYOUT POINT
- AP ANGLE POINT
- BC BEGIN CURVE
- CC CORNER CONCRETE
- EC END CURVE
- FP FENCE POST
- RP RADIUS POINT

GENERAL HORIZONTAL CONTROL NOTES:

- THE SITE LAYOUT IS BASED ON AN ASSUMED COORDINATE SYSTEM. SITE LAYOUT POINT 100 IS A CHISELED 'X' ON THE CONCRETE SIDEWALK APPROXIMATELY 15' EASTERLY OF THE SOUTHEAST CORNER OF THE CONCESSIONS BUILDING.
- SITE LAYOUT POINT 101 IS A CHISELED 'X' ON THE SIDEWALK ON THE NORTH SIDE OF THE ACCESS ROAD APPROXIMATELY 94' EASTERLY OF THE SEWER MANHOLE NEAR THE DOWNSTREAM POINT OF CONNECTION.
- DIMENSIONS AND POINTS ARE TO CENTER OF FENCE POSTS, FACE OF BUILDINGS, TOP FACE OF CURB, OR EDGE OF CONCRETE, UNLESS SHOWN OTHERWISE.
- SEE UTILITY PLAN FOR COORDINATES FOR SEWER LINE.

NORTHING EASTING TABLE				
POINT	NORTHING	EASTING	ABV	DESCRIPTION
100	2173615.88	6374159.55	SLP	SITE LAYOUT POINT
101	2174085.15	6374127.42	SLP	SITE LAYOUT POINT
1000	2174026.25	6374049.47	CC	CORNER CONCRETE
1001	2174025.33	6374050.39	CC	CORNER CONCRETE
1002	2174025.10	6374066.35	CC	CORNER CONCRETE
1003	2174031.04	6374072.39	CC	CORNER CONCRETE
1004	2174031.09	6374081.37	CC	CORNER CONCRETE
1005	2174039.47	6374081.43	CC	CORNER CONCRETE
1006	2173899.23	6374197.00	CC	CORNER CONCRETE
1007	2173891.82	6374196.98	CC	CORNER CONCRETE
1008	2173899.39	6374179.05	CC	CORNER CONCRETE
1009	2173891.94	6374179.71	CC	CORNER CONCRETE
1010	2173817.23	6374225.31	CC	CORNER CONCRETE
1011	2173819.44	6374215.21	CC	CORNER CONCRETE
1012	2173741.09	6374183.17	CC	CORNER CONCRETE
1013	2173722.04	6374174.69	BC	BEGIN CURVE
1014	2173716.59	6374185.39	CC	CORNER CONCRETE
1015	2173715.02	6374188.47	BC	BEGIN CURVE
1016	2173685.09	6374178.41	EC	END CURVE
1017	2173684.50	6374166.40	EC	END CURVE
1018	2173614.54	6374177.29	CC	CORNER CONCRETE
1019	2173614.69	6374164.87	CC	CORNER CONCRETE
1020	2173595.12	6374169.48	CC	CORNER CONCRETE
1021	2173595.16	6374163.47	CC	CORNER CONCRETE
1022	2174039.72	6374049.39	CC	CORNER CONCRETE
1023	2173682.99	6374262.38	RP	RADIUS POINT
1024	2173684.27	6374230.40	RP	RADIUS POINT
1025	2173963.10	6374165.88	AP	ANGLE POINT
1026	2173800.01	6374214.30	AP	ANGLE POINT
1027	2173703.66	6374174.23	AP	ANGLE POINT



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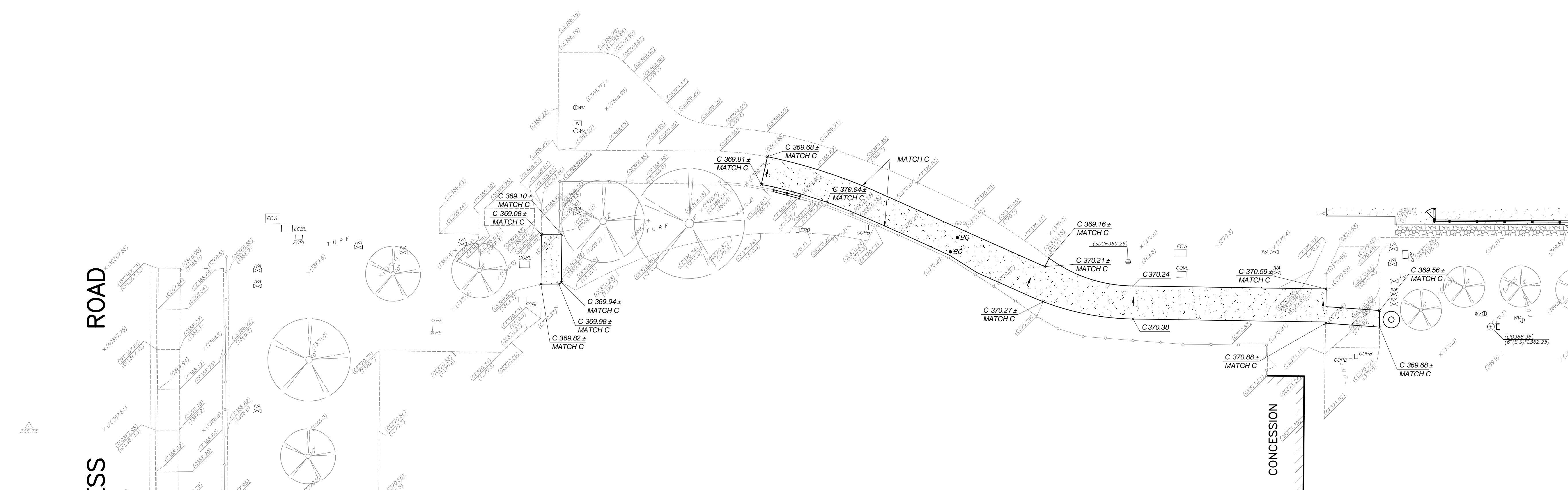
CLOVIS UNIFIED SCHOOL DISTRICT
CLOVIS EAST HIGH SCHOOL SOCCER STADIUM
SEWER IMPROVEMENTS

CONST. DOCUMENTS

DR. BY: _____ SHEET NO. 4
CH. BY: _____ OF 10 SHEETS
DATE: _____ SCALE AS NOTED

SITE AND DIMENSION PLAN

Drawing File: P:\2008\20080508\Clovis Unified School District\20080508_Soccer Stadium Sewer Improvements.dwg, Plot Date: 5/20/08, Plot By: mmperry, May 08, 2008 5:23:52 PM

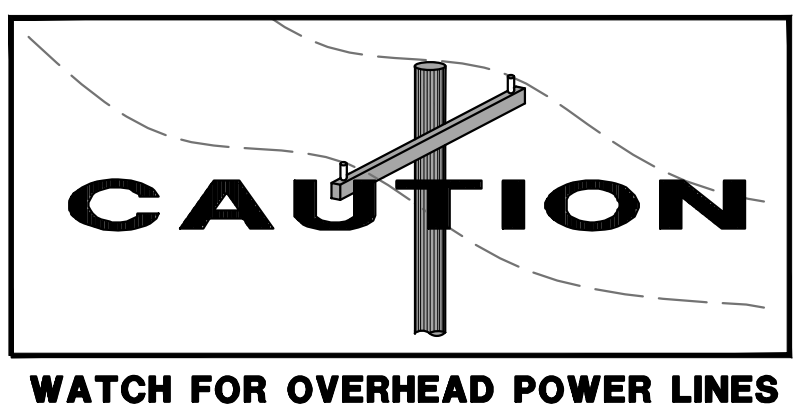
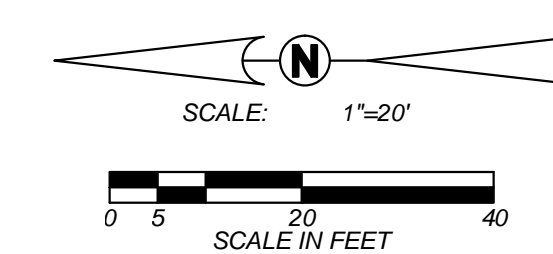


GRADING AND DRAINAGE LEGEND:

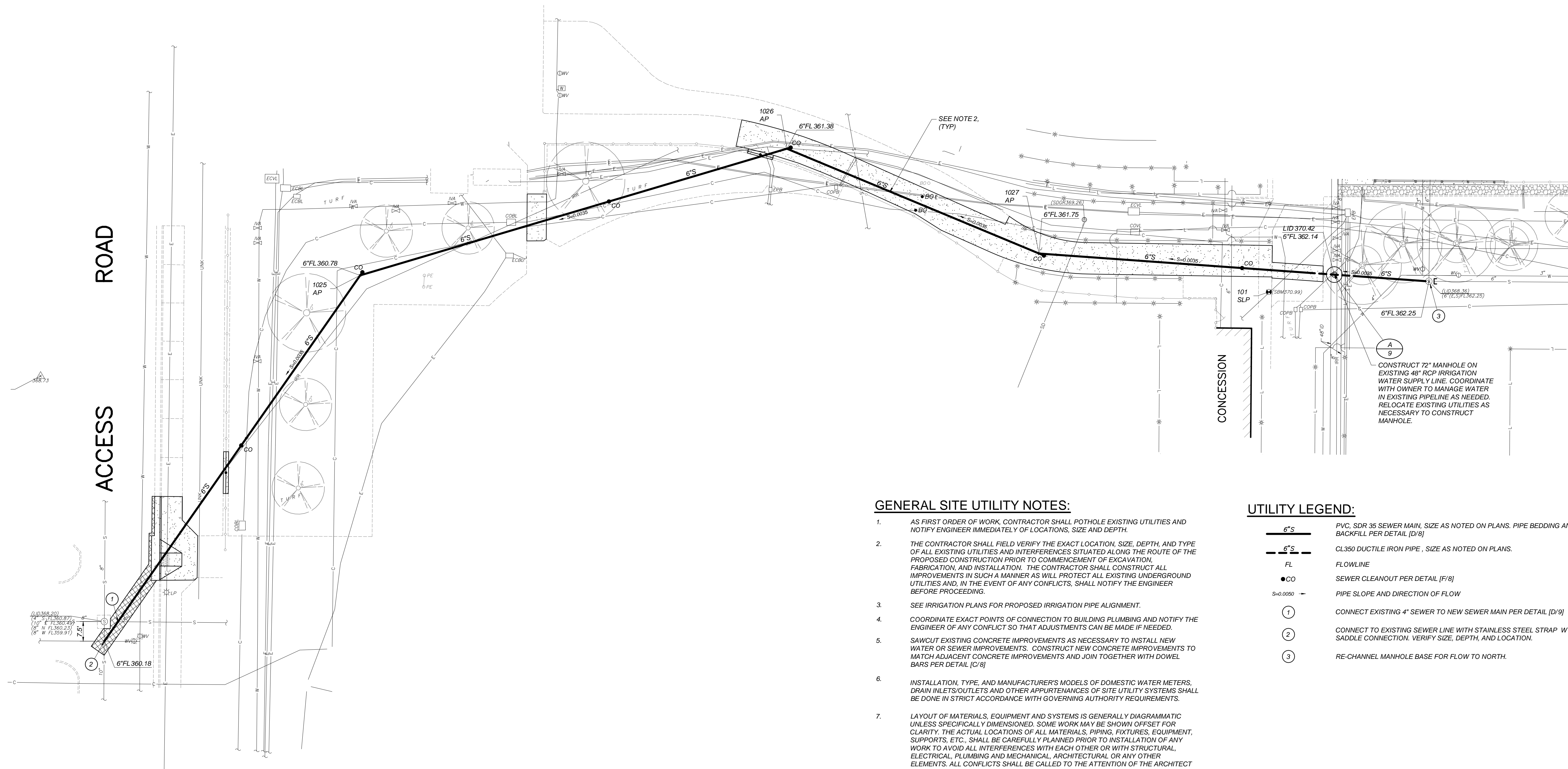
C	CONCRETE
G	GUTTER
FL	FLOWLINE
MS	MOWSTRIP
P	PAVEMENT
TC	TOP OF CURB
(344.9)	EXISTING ELEVATION
328.78	NEW FINISHED GRADE
→	DIRECTION OF SURFACE DRAINAGE
S=0.0050	PIPE SLOPE AND DIRECTION OF FLOW
S=0.0020	FLOWLINE SLOPE AND DIRECTION OF FLOW

GENERAL GRADING AND DRAINAGE NOTES:

- THE REQUIREMENTS AND INFORMATION SET OUT BELOW ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE AND DO NOT ENCOMPASS ALL PROJECT REQUIREMENTS DESCRIBED BY THE PROJECT PLANS AND SPECIFICATIONS AND/OR APPLICABLE LAWS, REGULATIONS AND/OR BUILDING CODES.
- CONSTRUCTION OF ALL PROJECT SITE IMPROVEMENTS SUBJECT TO ADA ACCESS COMPLIANCE, INCLUDING ACCESSIBLE PATH OF TRAVEL, CURB RETURNS, PARKING STALL(S) AND UNLOADING AREAS, BARRIER FREE AMENITIES AND/OR OTHER APPLICABLE SITE IMPROVEMENTS SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT, CALIFORNIA TITLE 24, THE CALIFORNIA BUILDING CODE, CURRENT EDITION(S).
 - CONTRACTOR SHALL FIELD VERIFY ALL GRADES AND SLOPES PRIOR TO THE PLACEMENT OF CONCRETE AND/OR PAVEMENT FOR CONFORMANCE WITH ADA ACCESS COMPLIANCE REQUIREMENTS. EXAMPLES OF MINIMUM AND MAXIMUM LIMITS RELATED TO ADA ACCESS COMPLIANCE INCLUDE, BUT ARE NOT LIMITED TO:
 - ACCESSIBLE PATH OF TRAVEL CROSS-SLOPE SHALL NOT EXCEED 2%
 - ACCESSIBLE PATH OF TRAVEL LONGITUDINAL SLOPES SHALL NOT EXCEED 5%
 - RAMP LONGITUDINAL SLOPES SHALL NOT EXCEED 8.33%
 - ACCESSIBLE WALKS SHALL NOT HAVE LESS THAN 48 INCHES IN UNOBSTRUCTED WIDTH
 - ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION
 - LANDINGS AT THE TOP AND BOTTOM OF ACCESSIBLE RAMPS SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION
 - GUTTERS AND ROAD SURFACES DIRECTLY ADJACENT TO AND WITHIN 2 FEET OF A CURB RAMP SHALL HAVE A COUNTER SLOPE NOT TO EXCEED 5%
 - CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IDENTIFIED BY THE PROFESSIONAL ENGINEERING SEAL AND SIGNATURE ON THESE PLANS, OF ANY SITE CONDITIONS(S) AND/OR DESIGN INFORMATION THAT PREVENTS THE CONTRACTOR FROM COMPLYING WITH THE LAWS, REGULATIONS AND/OR BUILDING CODES GOVERNING ADA ACCESS COMPLIANCE.
 - GROUND SLOPES AWAY FROM BUILDING PADS IN LANDSCAPED OR DIRT AREAS SHALL BE NO LESS THAN 5% FOR AT LEAST TEN (10) FEET, OR AS OTHERWISE NOTED ON THE PLANS.
 - DRAINAGE SHALL NOT BE ALLOWED ONTO ADJACENT PROPERTY.
 - ALL FILL MATERIAL USED TO SUPPORT THE FOUNDATIONS OF ANY BUILDING OR STRUCTURE SHALL BE PLACED UNDER THE DIRECTION OF A LICENSED GEOTECHNICAL ENGINEER, AND IN COMPLIANCE WITH THE PROJECT SPECIFICATIONS. A SOILS COMPACTION REPORT SHALL BE SUBMITTED TO THE ENGINEER OF RECORD AS REQUIRED BY THE PROJECT SPECIFICATIONS.
 - THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS REQUIRED BY THE PROJECT SPECIFICATIONS, AND BY GOVERNING PUBLIC AGENCIES.
 - THE CONTRACTOR SHALL IMPLEMENT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS REQUIRED BY THE PROJECT SPECIFICATIONS AND THE STATE WATER RESOURCES CONTROL BOARD'S CONSTRUCTION GENERAL PERMIT. IMPLEMENT BEST MANAGEMENT PRACTICES WITHIN PUBLIC RIGHT OF WAY PER LOCAL JURISDICTION REQUIREMENTS.
 - AS A FIRST ORDER OF WORK, THE CONTRACTOR SHALL POT HOLE THE EXISTING UTILITY LINES AT THE POINT OF CONNECTION TO VERIFY THE LOCATION, SIZE, PIPE MATERIAL AND ELEVATION SO THAT THE ENGINEER CAN MAKE ELEVATION AND/OR ALIGNMENT ADJUSTMENTS IF NECESSARY. SHOULD POT HOLE DISCOVER ANY DISCREPANCIES, CONTACT THE ENGINEER AND OBTAIN WRITTEN DIRECTION BEFORE PROCEEDING.
 - ADJUST UTILITY LIDS WITHIN NEW CONSTRUCTION AREA TO FINISHED GRADE PER DETAIL (V/B). REPLACE ALL BROKEN LIDS WITH NEW. PROVIDE TRAFFIC RATED LIDS WITHIN VEHICLE LOADING AREAS.
 - MINIMUM SLOPE ON IMPERVIOUS SURFACES PERPENDICULAR TO ADJACENT STRUCTURE(S), WITHIN ADA PATH, SHALL BE 1% MINIMUM AND 2% MAXIMUM. WHERE DOOR AND GATE LANDINGS OCCUR THE CROSS SLOPE SHALL BE 2% MAXIMUM IN ALL DIRECTIONS



<p>Blair, Church & Flynn Consulting Engineers 455. Clovis Avenue, Suite 500 Clovis, California 93612 Tel (559) 326-1400 Fax: (559) 326-1500</p>		CONSULTANT	REF. & REV.	CLOVIS UNIFIED SCHOOL DISTRICT	
		CLOVIS EAST HIGH SCHOOL SOCCER STADIUM SEWER IMPROVEMENTS		CONST. DOCUMENTS	DR. BY: _____
CONSULTING ENGINEERS		GRADING AND DRAINAGE PLAN		DATE: _____	OF 10 SHEETS

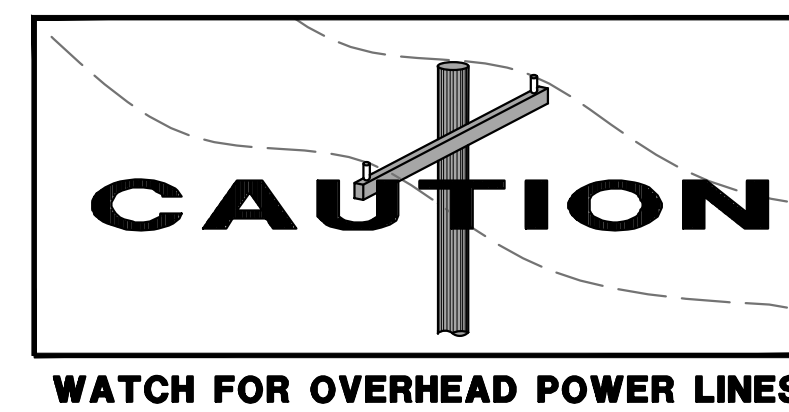
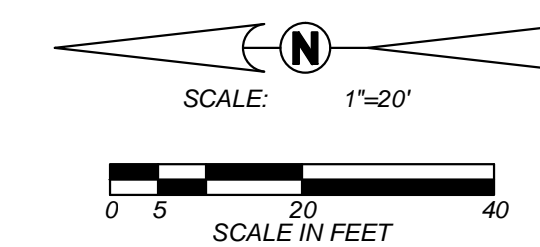


GENERAL SITE UTILITY NOTES:

- AS FIRST ORDER OF WORK, CONTRACTOR SHALL POTHOLE EXISTING UTILITIES AND NOTIFY ENGINEER IMMEDIATELY OF LOCATIONS, SIZE AND DEPTH.
- THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION, SIZE, DEPTH, AND TYPE OF ALL EXISTING UTILITIES AND INTERFERENCES SITUATED ALONG THE ROUTE OF THE PROPOSED CONSTRUCTION PRIOR TO COMMENCEMENT OF EXCAVATION, FABRICATION, AND INSTALLATION. THE CONTRACTOR SHALL CONSTRUCT ALL IMPROVEMENTS IN SUCH A MANNER AS WILL PROTECT ALL EXISTING UNDERGROUND UTILITIES AND, IN THE EVENT OF ANY CONFLICTS, SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING.
- SEE IRRIGATION PLANS FOR PROPOSED IRRIGATION PIPE ALIGNMENT.
- COORDINATE EXACT POINTS OF CONNECTION TO BUILDING PLUMBING AND NOTIFY THE ENGINEER OF ANY CONFLICT SO THAT ADJUSTMENTS CAN BE MADE IF NEEDED.
- SAWCUT EXISTING CONCRETE IMPROVEMENTS AS NECESSARY TO INSTALL NEW WATER OR SEWER IMPROVEMENTS. CONSTRUCT NEW CONCRETE IMPROVEMENTS TO MATCH ADJACENT CONCRETE IMPROVEMENTS AND JOIN TOGETHER WITH DOWEL BARS PER DETAIL (C/8)
- INSTALLATION, TYPE, AND MANUFACTURER'S MODELS OF DOMESTIC WATER METERS, DRAIN INLETS/OUTLETS AND OTHER APPURTENANCES OF SITE UTILITY SYSTEMS SHALL BE DONE IN STRICT ACCORDANCE WITH GOVERNING AUTHORITY REQUIREMENTS.
- LAYOUT OF MATERIALS, EQUIPMENT AND SYSTEMS IS GENERALLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. SOME WORK MAY BE SHOWN OFFSET FOR CLARITY. THE ACTUAL LOCATIONS OF ALL MATERIALS, PIPING, FIXTURES, EQUIPMENT, SUPPORTS, ETC., SHALL BE CAREFULLY PLANNED PRIOR TO INSTALLATION OF ANY WORK TO AVOID ALL INTERFERENCES WITH EACH OTHER OR WITH STRUCTURAL, ELECTRICAL, PLUMBING AND MECHANICAL, ARCHITECTURAL OR ANY OTHER ELEMENTS. ALL CONFLICTS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER PRIOR TO THE INSTALLATION OF ANY WORK OR THE ORDERING OF ANY EQUIPMENT.
- ANY INSPECTION TO BE MADE BY THE AUTHORITY HAVING JURISDICTION SHALL REQUIRE A MINIMUM OF 24 HOUR NOTICE.
- PURITY TESTS ARE REQUIRED ON ALL WATER SYSTEM INSTALLATIONS. CONTRACTOR TO COORDINATE WITH THE AUTHORITY HAVING JURISDICTION.
- IF THE TOP OF THE STEM OF ANY WATER GATE VALVE IS DEEPER THAN 4' BELOW FINISHED PAVEMENT GRADE, THE CONTRACTOR SHALL INSTALL A STEM EXTENSION SO THAT THE TOP OF THE STEM, WITH EXTENSION, SHALL BE NO DEEPER THAN 4' NOR SHALLOWER THAN 2' FROM FINISHED GRADE.
- BACKFILL UTILITY TRENCHES PER DETAIL (D/8)
- ADJUST EXISTING UTILITY LIDS TO FINISHED GRADE PER UTILITY COMPANY STANDARDS AND DETAIL (I/8) AND INSTALL TRAFFIC RATED LIDS WHERE LOCATED IN A TRAFFIC AREA.

UTILITY LEGEND:

- 6" S PVC, SDR 35 SEWER MAIN, SIZE AS NOTED ON PLANS. PIPE BEDDING AND BACKFILL PER DETAIL (D/8)
- 6" S CL350 DUCTILE IRON PIPE, SIZE AS NOTED ON PLANS.
- FL FLOWLINE
- CO SEWER CLEANOUT PER DETAIL (F/8)
- PIPE SLOPE AND DIRECTION OF FLOW
- 1 CONNECT EXISTING 4" SEWER TO NEW SEWER MAIN PER DETAIL (D/9)
- 2 CONNECT TO EXISTING SEWER LINE WITH STAINLESS STEEL STRAP WYE SADDLE CONNECTION. VERIFY SIZE, DEPTH, AND LOCATION.
- 3 RE-CHANNEL MANHOLE BASE FOR FLOW TO NORTH.



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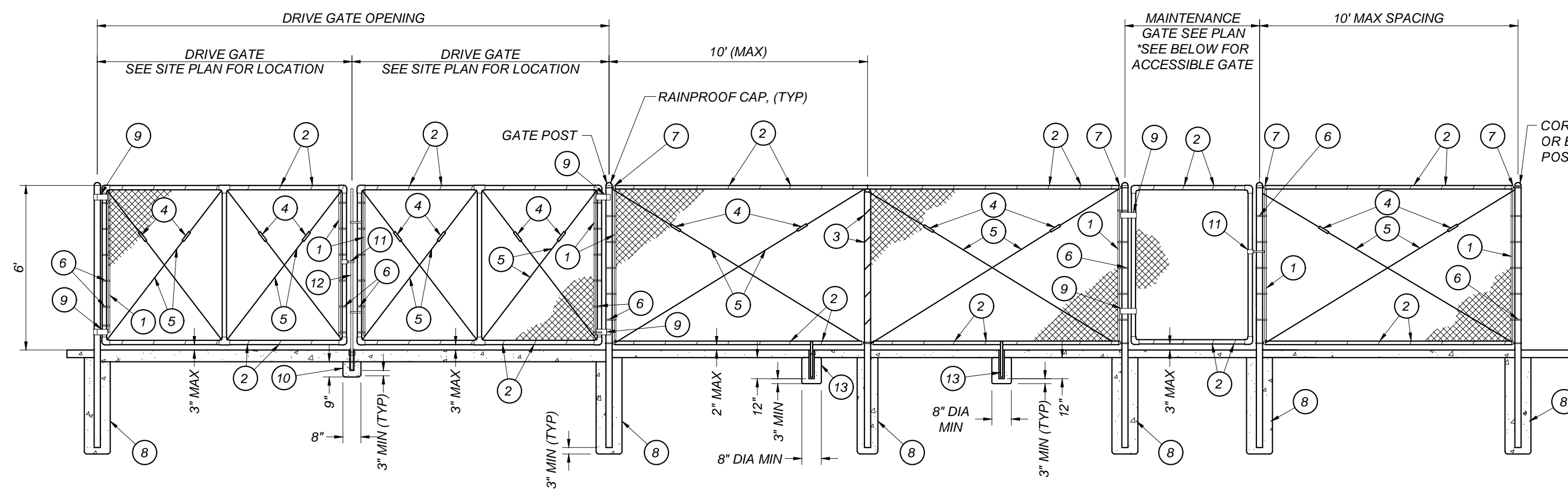
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REF. & REV.

CLOVIS UNIFIED SCHOOL DISTRICT
CLOVIS EAST HIGH SCHOOL SOCCER STADIUM
SEWER IMPROVEMENTS
UTILITY PLAN

CONST. DOCUMENTS
DR. BY: _____ SHEET NO. **6**
CH. BY: _____ OF **10** SHEETS
DATE: _____ SCALE AS NOTED

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 Plot by: mmperry 1 May 08, 10:27 AM, 5:23 PM



FENCE AND GATE ELEVATIONS

OPEN FABRIC CHAIN LINK FENCE AND GATE LEGEND:

- 1 1/8" X 3/4" GALVANIZED STEEL STRETCHER BAR.
- 2 9 GAUGE (0.148" DIA) GALVANIZED STEEL TIE WIRES OR HOG RINGS AT 15" MAXIMUM SPACING. MINIMUM OF 8 TIE WIRES PER EACH 10' HORIZONTAL RAIL.
- 3 6 GAUGE (0.192" DIA) GALVANIZED STEEL POST CLIPS AT 14" MAXIMUM SPACING. MINIMUM 3 POST CLIPS FOR EACH 4' POST.
- 4 GALVANIZED ADJUSTABLE TURNBUCKLE FOR 3/8" DIAMETER TRUSS ROD.
- 5 3/8" DIAMETER GALVANIZED STEEL ADJUSTABLE TRUSS ROD. TRUSS RODS REQUIRED FOR ALL GATE POST PANELS, END OR CORNER POST PANELS.
- 6 1/8" THICK GALVANIZED STEEL STRETCHER BAR TENSION BAND AT 12" MAXIMUM SPACING. MINIMUM OF 4 TENSION BANDS FOR EACH 4' POST SECTION.
- 7 GALVANIZED RAIL ENDS.
- 8 CONCRETE FOOTING, TYPICAL.
- 9 HINGES PER THE SPECIFICATION.
- 10 GALVANIZED STEEL PIPE SLEEVE FOR GATE DROP ROD.
- 11 LOCKABLE FORK LATCH PER SPECIFICATIONS
- 12 CENTER GATE DROP POST AND LATCH
- 13 INSTALL GATE HOLDBACK FOR ALL GATES.
- 14 ACCESSIBLE GATE SIGN PER DETAIL [7]
- 15 10" HIGH, 1/8" THICK STEEL PLATES WELDED ON THE BOTH SIDE OF THE GATE AT BOTTOM FULL WIDTH OF THE GATE. THE KICK PLATE AND WELDS SHALL BE GALVANIZED FOR CORROSION RESISTANCE.
- 16 12" HIGH, CENTER ON LATCH, 1/8" THICK STEEL PLATES WELDED ON THE NON FABRIC SIDE, THE FULL WIDTH OF THE GATE. THE PLATE AND WELDS SHALL BE GALVANIZED FOR CORROSION RESISTANCE.
- 17 ADA COMPLIANT PANIC HARDWARE, VON DUPRIN 22 PANIC BAR, WITH ADA COMPLIANT LOCKABLE DUMMY TRIM, VON DUPRIN 22NL OR APPROVED EQUAL.

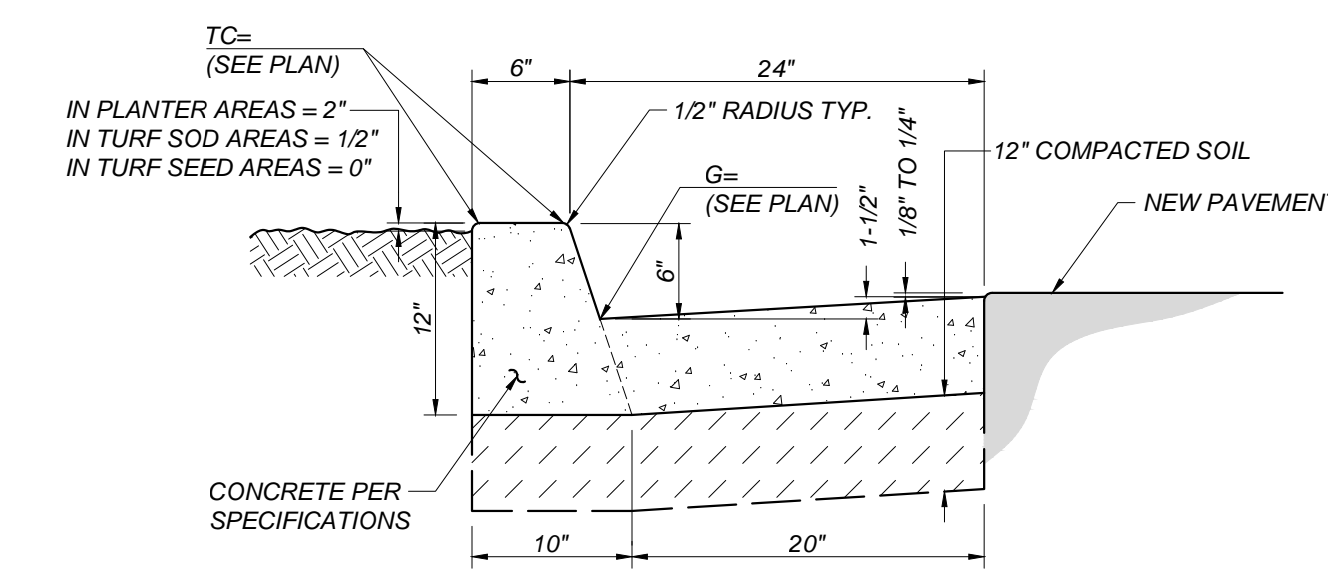
OPEN FABRIC CHAIN LINK FENCE AND GATE NOTES:

1. GATE FRAME SHALL BE 2" O.D. GALVANIZED STEEL (2.72 LB/FT).
2. FENCE FABRIC SHALL BE 2" X 2" MESH X 9 GAUGE GALVANIZED FENCE FABRIC WITH KNUCKLED TOP AND BOTTOM SELVAGE. FENCE FABRIC TO BE GALVANIZED BEFORE WEAVING (GBW).
3. ALL FENCES ADJACENT TO ATHLETIC FIELDS, COURTS, BALLFIELDS, OR RUNNING TRACKS SHALL HAVE 1.66" O.D. BOTTOM RAILS INSTEAD OF TENSION WIRE.
4. MATCH OWNER'S LOCKSET GATE HARDWARE AND KEYING SYSTEM FOR ALL KEYED GATES.
5. WALK GATE POST SIZE LIMITED TO 6 FOOT WIDTH OR LESS. SEE DRIVE GATE SIZING FOR LARGER LEAF WIDTHS.
6. DOUBLE TRUSS RODS ARE REQUIRED IN PANELS ADJACENT TO GATE POSTS AND AT ALL FENCE CORNERS AND END PANELS.
7. ALL GATE CORNERS AND SUPPORT POINTS SHALL BE FASTENED TOGETHER AND REINFORCED WITH MALLEABLE IRON FITTINGS DESIGNED FOR THAT PURPOSE. WELDED CONNECTIONS WILL NOT BE ALLOWED.
8. TACK WELD ALL GATE HINGES AND LATCH COLLARS TO POST.
9. ALL AREAS AFFECTED BY WELDING, TRIMMED ENDS OF BOLTS, STRETCHER BARS, TRUSS RODS OR ANY EXPOSED STEEL SHALL BE PAINTED (GALVANIZED) PER CONTRACT SPECIFICATIONS.
10. CONTRACTOR TO PROVIDE AND INSTALL GATE HOLDBACK FOR EACH GATE. HOLDBACK TO BE INSTALLED IN FENCE MOWSTRIP UNLESS OTHERWISE NOTED.
11. ALL ACCESSIBLE GATES SHALL HAVE:
 - a. HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY CBC SECTION 11B-404.2.7 OPERABLE PARTS OF SUCH HARDWARE SHALL BE 3/4 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. THE MAXIMUM FORCE TO ACTIVATE OPERABLE PARTS SHALL BE 5LBS PER CBC 11B-309.4.
 - b. SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE BOTH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED.
12. CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM PER CBC 11B-404.2.8.1.
13. GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO THE CLOSED POSITION 1.5 SECONDS MINIMUM PER CBC 11B-404.2.8.2.
14. ACCESSIBLE GATE SHALL HAVE A MINIMUM CLEAR OPENING OF 32 INCHES AND A MAXIMUM CLEAR OPENING OF 48 INCHES PER CBC 11B-404.2.3
15. THE MAXIMUM FORCE TO PUSH OR PULL OPEN A GATE SHALL BE 5 LBS. (11B-404.2.9)
16. CHAIN LINK FENCING AND GATE ARE EXEMPT FROM DSA STRUCTURAL SAFETY APPROVAL PER DSA IR A-22 SECTION 1.2.1

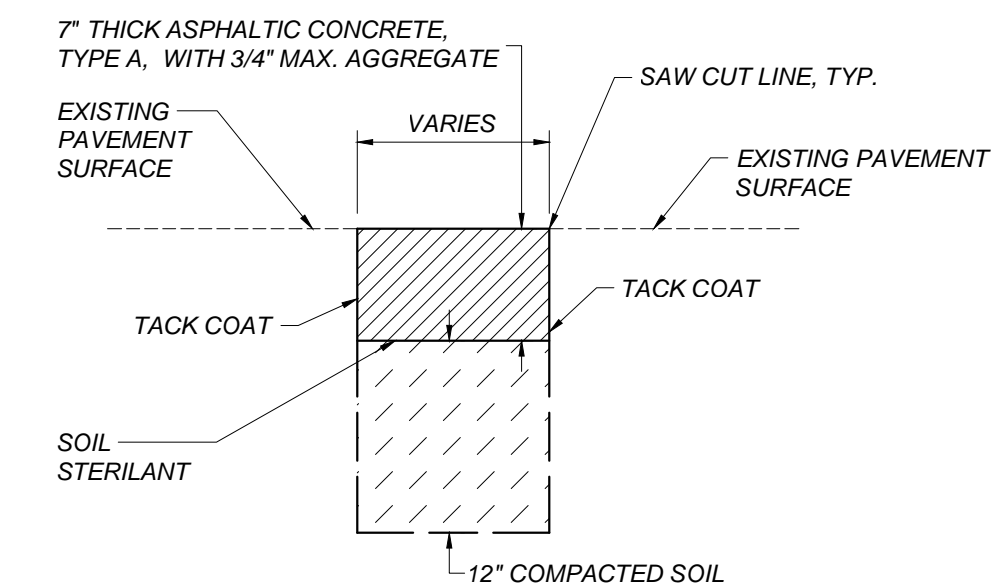
CHAIN LINK FENCE SIZING SCHEDULE - OPEN FABRIC

FENCE HEIGHT	END, ANGLE, CORNER POSTS			LINE POSTS			SINGLE LEAF MAN GATE POSTS			DOUBLE GATE POSTS			COMMENT
	POST DIAMETER	FOOTING DIAMETER	FOOTING DEPTH	POST DIAMETER	FOOTING DIAMETER	FOOTING DEPTH	POST DIAMETER	FOOTING DIAMETER	FOOTING DEPTH	POST DIAMETER	FOOTING DIAMETER	FOOTING DEPTH	
6'	2-7/8" O.D.	12"	4'-0"	2-3/8" O.D.	12"	3'-3"	2-7/8" O.D.	12"	4'-0"	6" O.D.	15"	5'-0"	1.66" O.D. TOP AND BOTTOM RAIL, SCHEDULE 40

A CHAIN LINK FENCE AND GATES
NOT TO SCALE



B CONCRETE CURB AND GUTTER
NOT TO SCALE

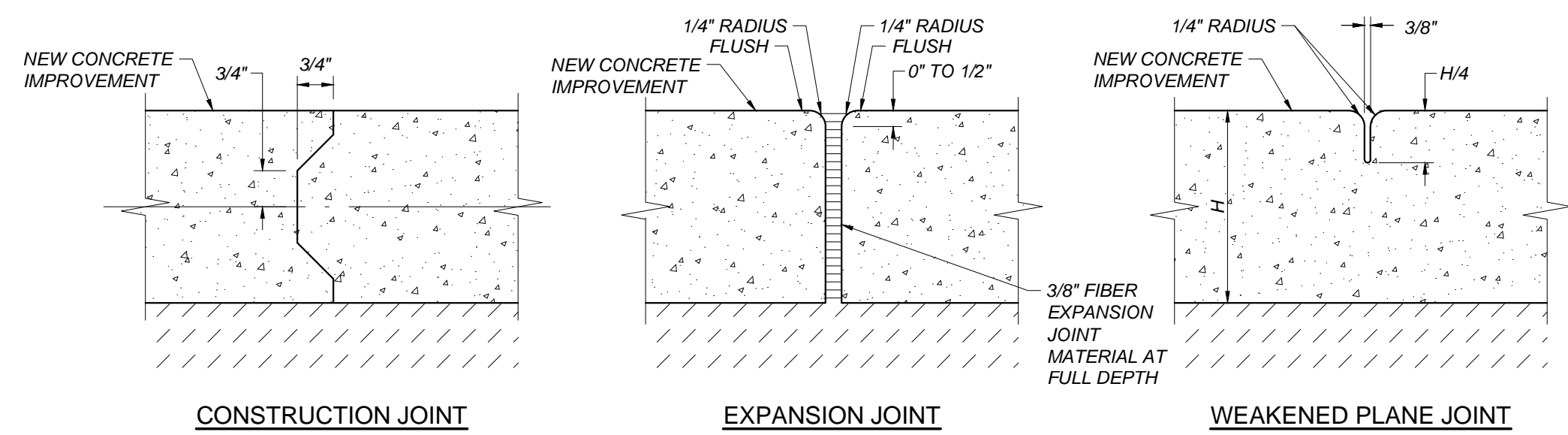


C ASPHALT CONCRETE PLUG
NOT TO SCALE

Blair, Church & Flynn
CONSULTING ENGINEERS

REGISTERED PROFESSIONAL ENGINEER
LANCE R. BARNETT
No. 47,853
CIVIL
STATE OF CALIFORNIA
06/07/24
Date Signed:

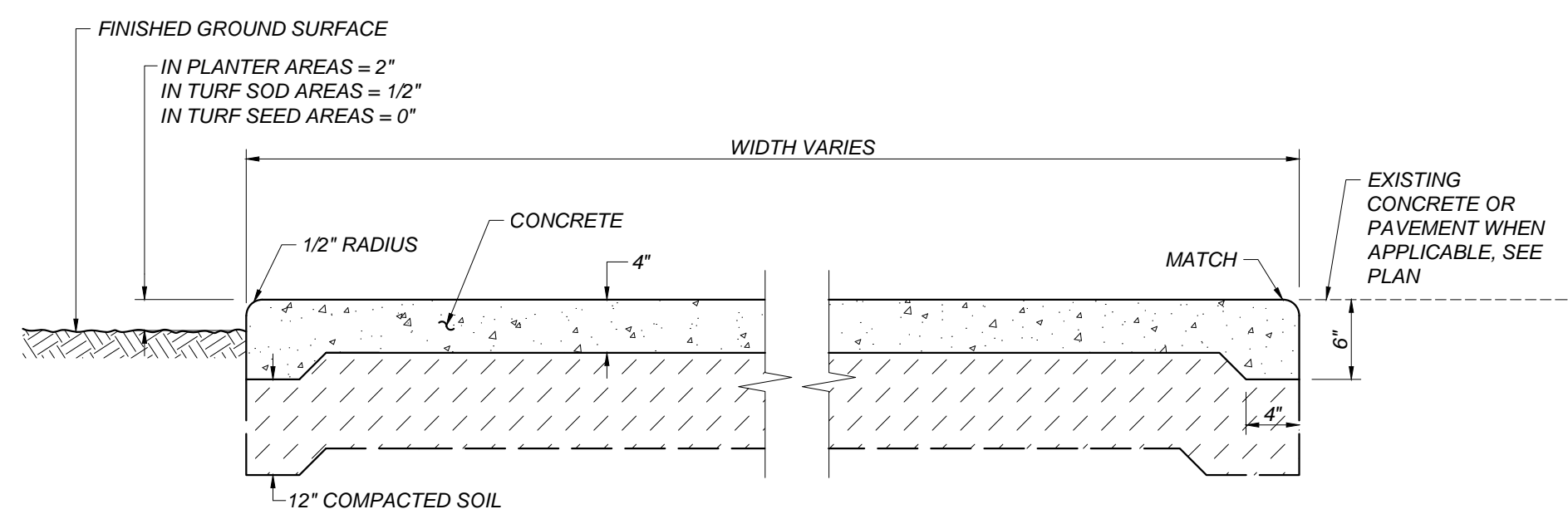
CONSULTANT	REF. & REV.	CLOVIS UNIFIED SCHOOL DISTRICT	
Blair, Church & Flynn Consulting Engineers 455 Clovis Avenue, Suite 500 Clovis, California 93612 Tel (559) 326-1400 Fax (559) 326-1500		CLOVIS EAST HIGH SCHOOL SOCCER STADIUM SEWER IMPROVEMENTS	CONST. DOCUMENTS
		DETAILS	DR. BY: _____ CH. BY: _____ DATE: _____ SCALE AS NOTED
			SHEET NO. 7 OF 10 SHEETS



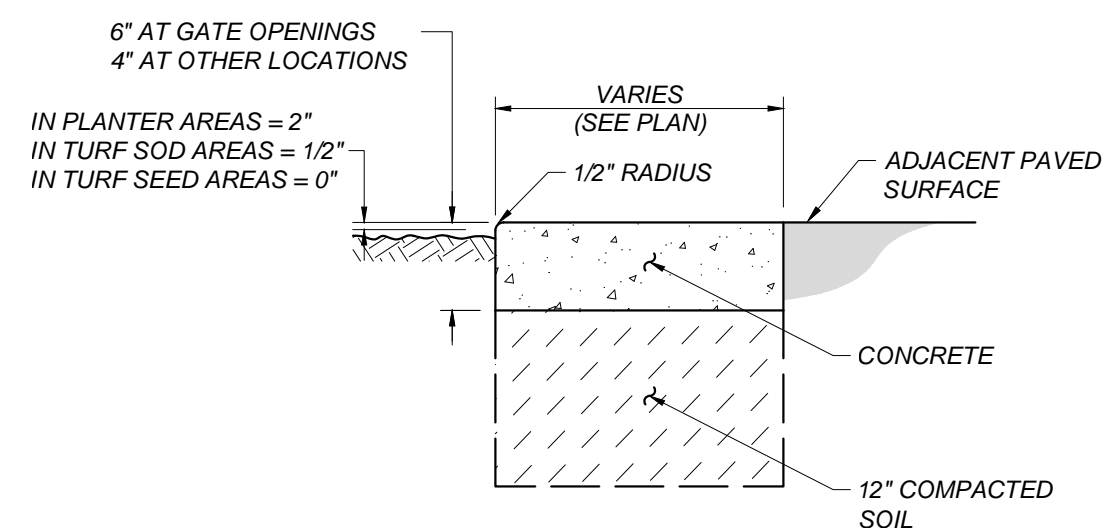
CONSTRUCTION JOINT

EXPANSION JOINT

WEAKENED PLANE JOINT



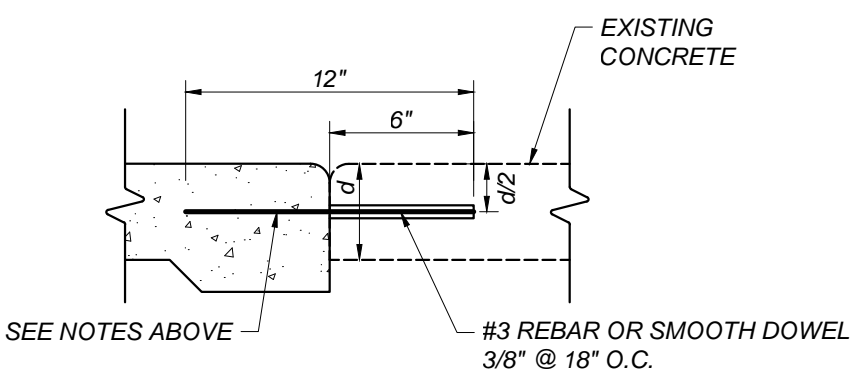
A
8 REGULAR DUTY CONCRETE
NOT TO SCALE



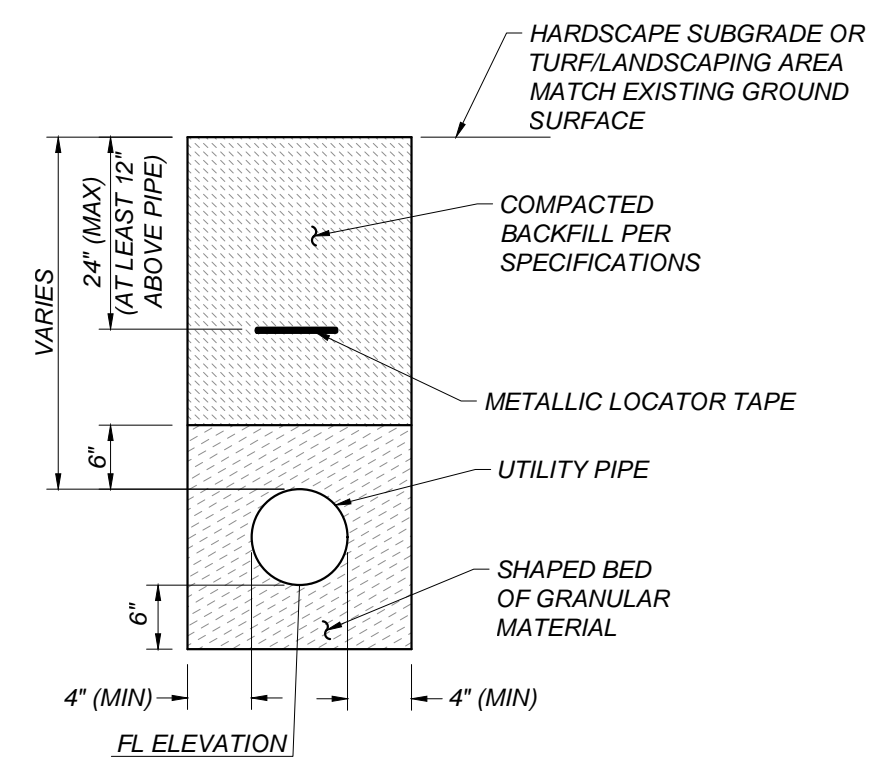
B
8 CONCRETE MOWSTRIP
NOT TO SCALE

NOTES:

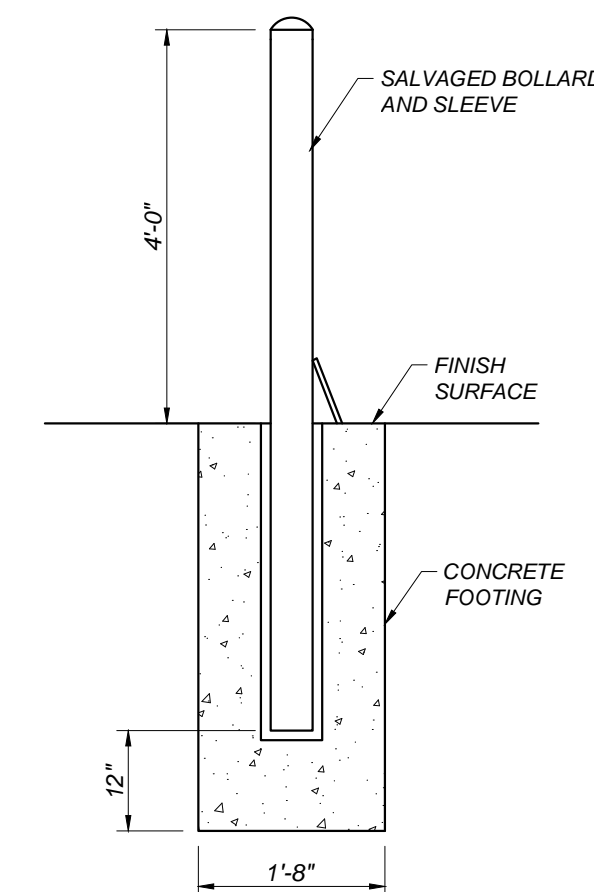
1. DRILL HOLE 1/8" LARGER THAN DOWEL DIAMETER.
2. CLEAN HOLE THOROUGHLY OF DUST AND FRAGMENTS WITH WATER, WIRE BRUSH, AND AIR.
3. FILL HOLE WITH APPROVED ADHESIVE BEFORE INSERTING DOWEL INTO EXISTING CONCRETE.
4. WHERE SMOOTH DOWEL IS USED, APPLY BOND BREAKER TO SIDE IN NEW CONCRETE AS REQUIRED TO ALLOW HORIZONTAL MOVEMENT OF CONCRETE.
5. WHERE DEFORMED REBAR DOWEL IS USED, PROVIDE APPROVED WRAP ON SIDE IN NEW CONCRETE AS REQUIRED TO ALLOW HORIZONTAL MOVEMENT OF CONCRETE.



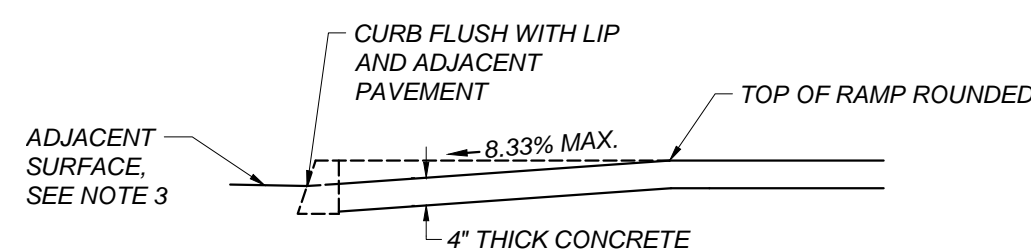
C
8 DOWEL BAR
NOT TO SCALE



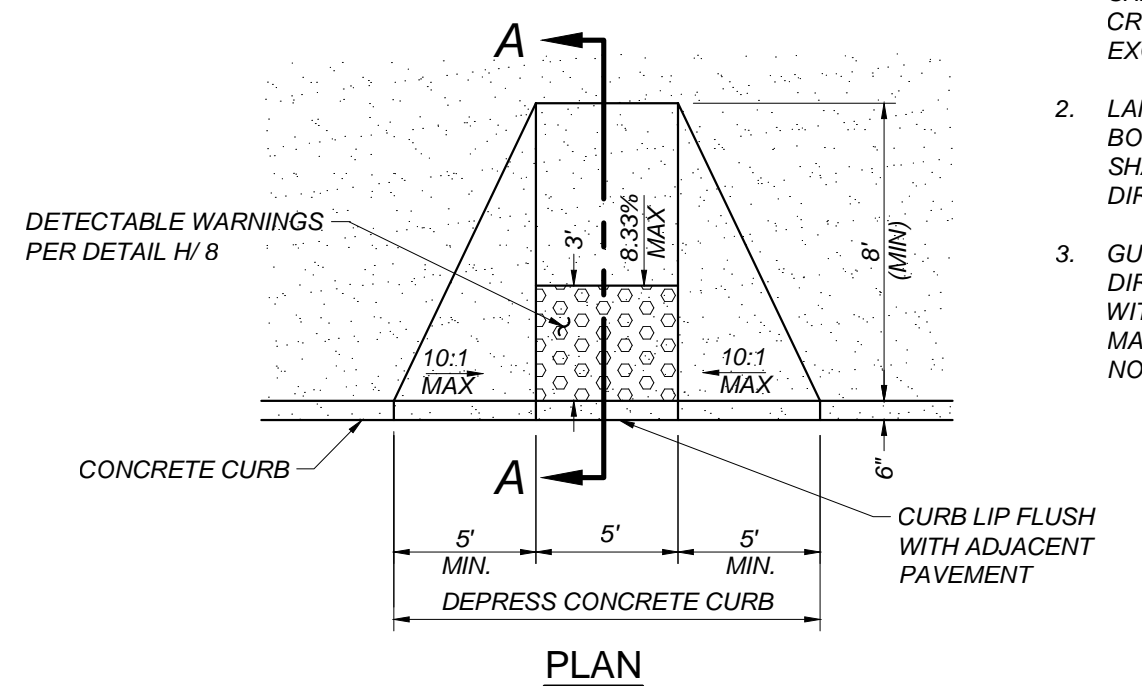
D
8 TRENCH DETAIL FOR UTILITY LINES
NOT TO SCALE



E
8 REMOVABLE PROTECTION POST REINSTALLATION
NOT TO SCALE



SECTION A-A



PLAN

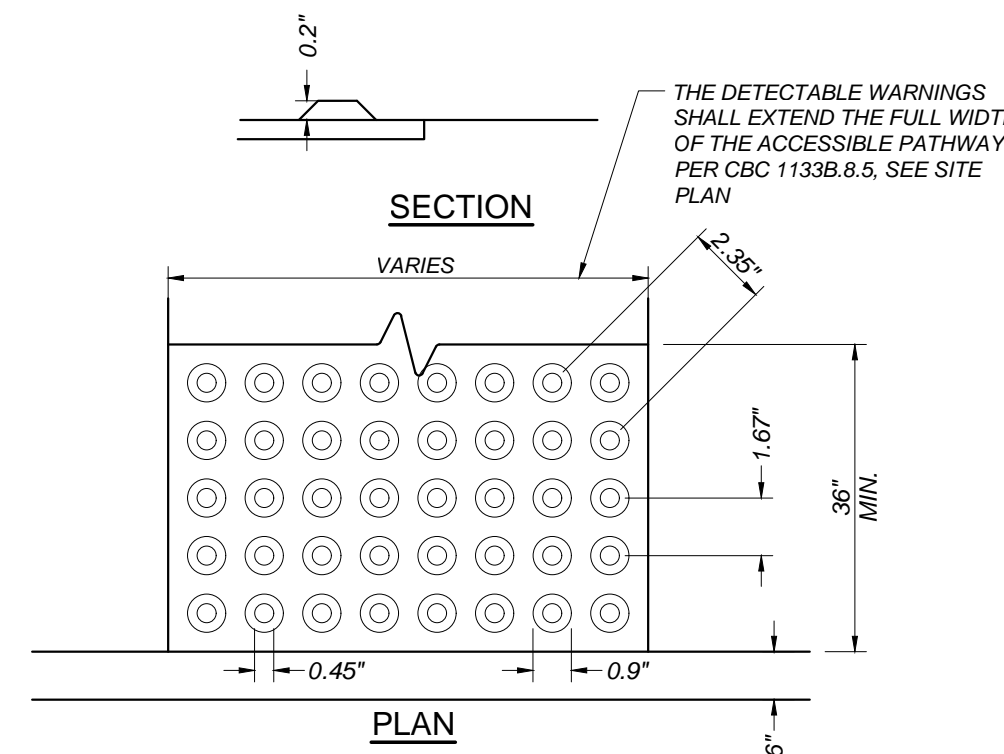
NOTES:

1. RAMP LONGITUDINAL SLOPES SHALL NOT EXCEED 8.33%. RAMP CROSS SLOPES SHALL NOT EXCEED 2%.
2. LANDINGS AT THE TOP AND BOTTOM OF ACCESSIBLE RAMPS SHALL NOT EXCEED 2% IN ANY DIRECTION.
3. GUTTERS AND ROAD SURFACES DIRECTLY ADJACENT TO AND WITHIN 2 FEET OF A CURB RAMP MAY HAVE A COUNTER SLOPE NOT EXCEEDING 5%.

G
8 CONCRETE CURB RAMP
NOT TO SCALE

NOTES:

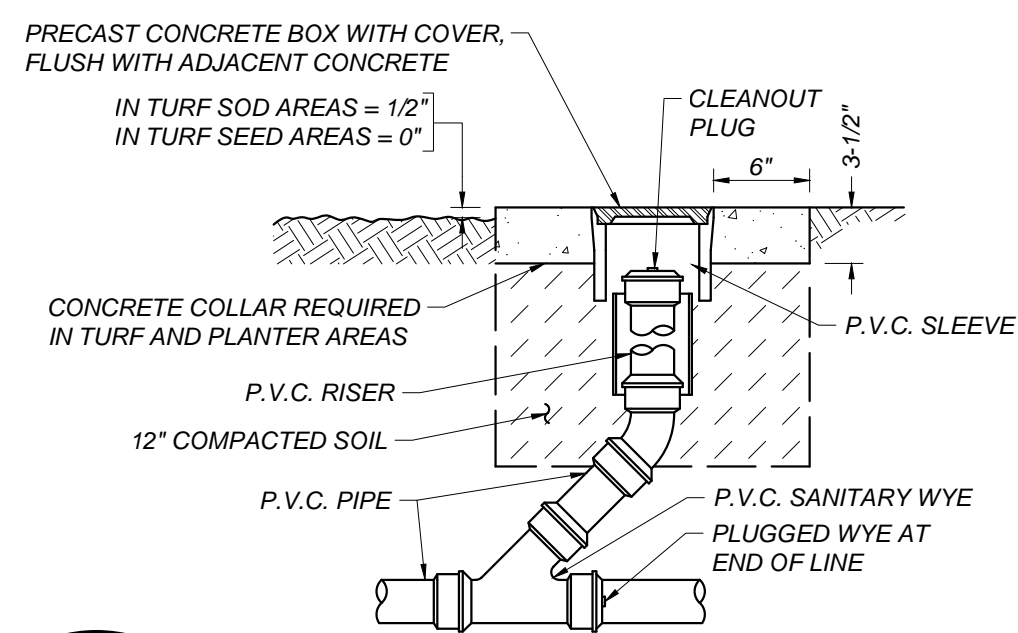
1. THE DETECTABLE WARNING SHALL VISUALLY CONTRAST 70% WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. THE MATERIAL USED SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.
2. THE DOMES MAY BE CAST-IN-PLACE, STAMPED, OR PART OF A PREFABRICATED SURFACE TREATMENT.
3. ONLY APPROVED DSA DETECTABLE WARNING PRODUCTS AND DIRECTIONAL SURFACES SHALL BE INSTALLED AS PROVIDED IN THE CALIFORNIA CODE OF REGULATIONS (CCR), TITLE 24, PART 1, ARTICLES 2, 3 AND 4.



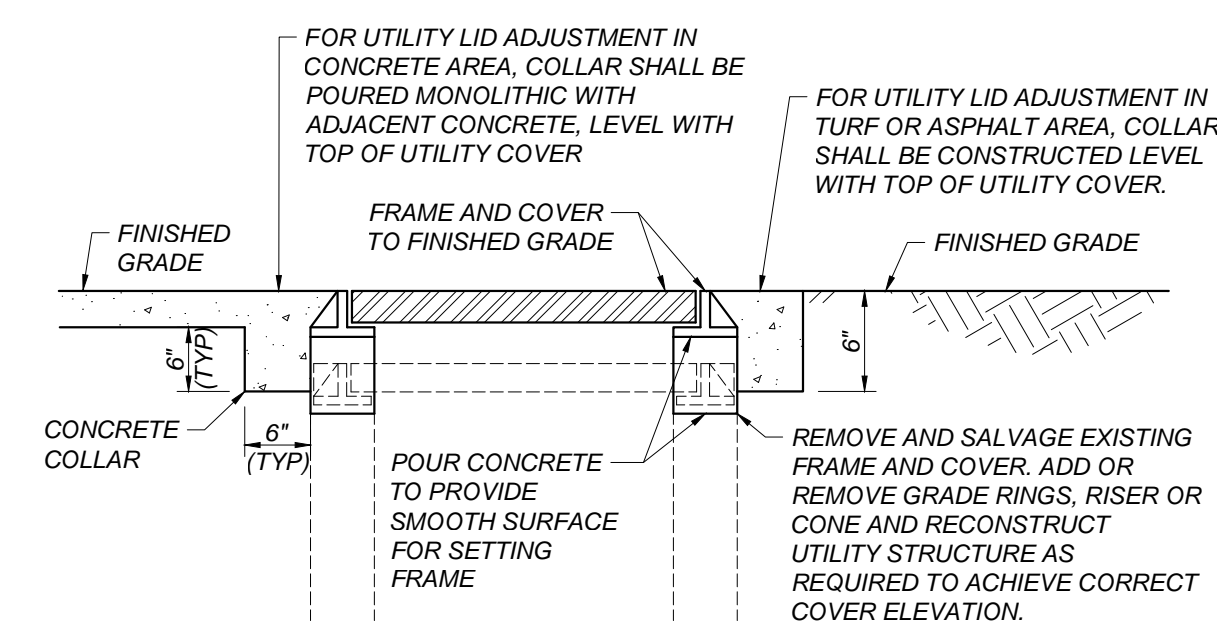
SECTION

PLAN

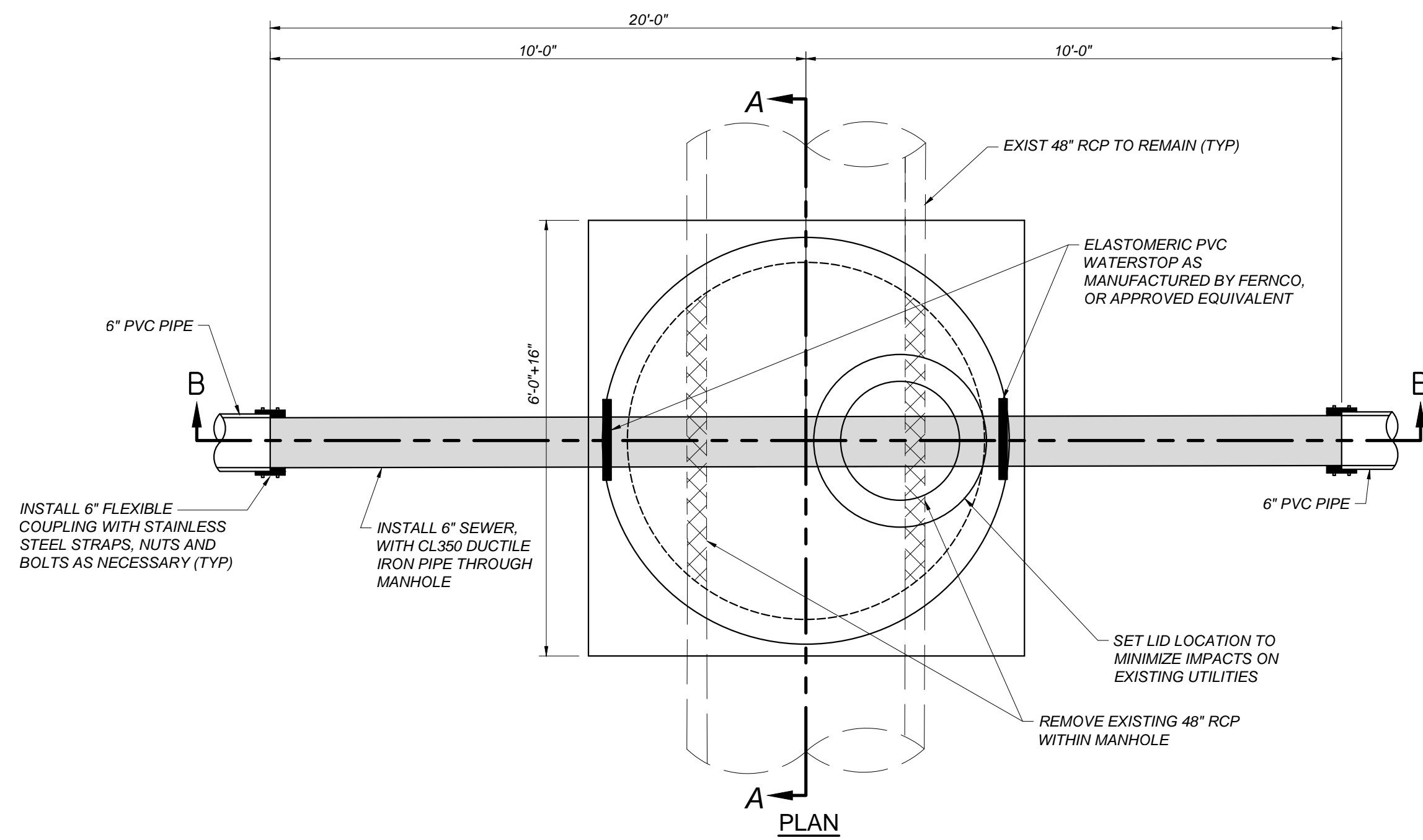
H
8 DETECTABLE WARNINGS
NOT TO SCALE



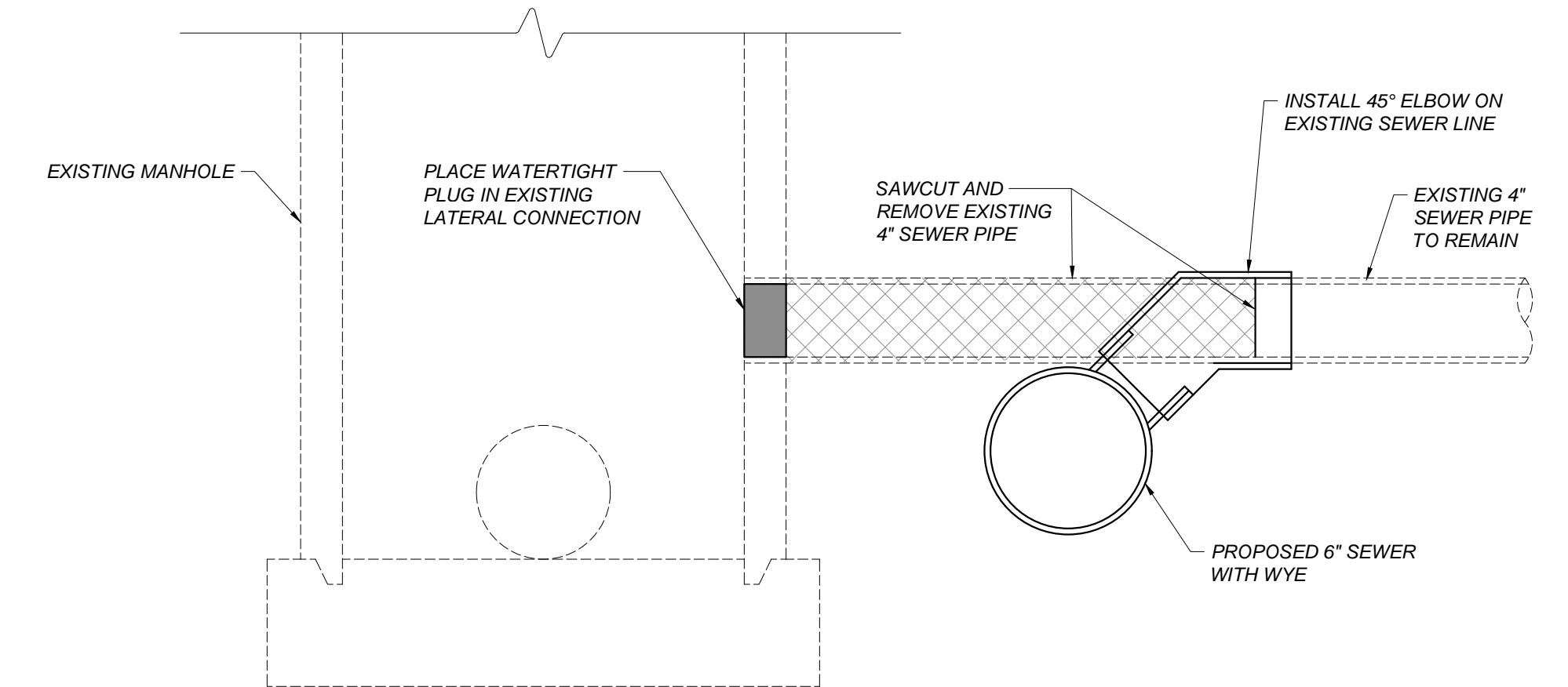
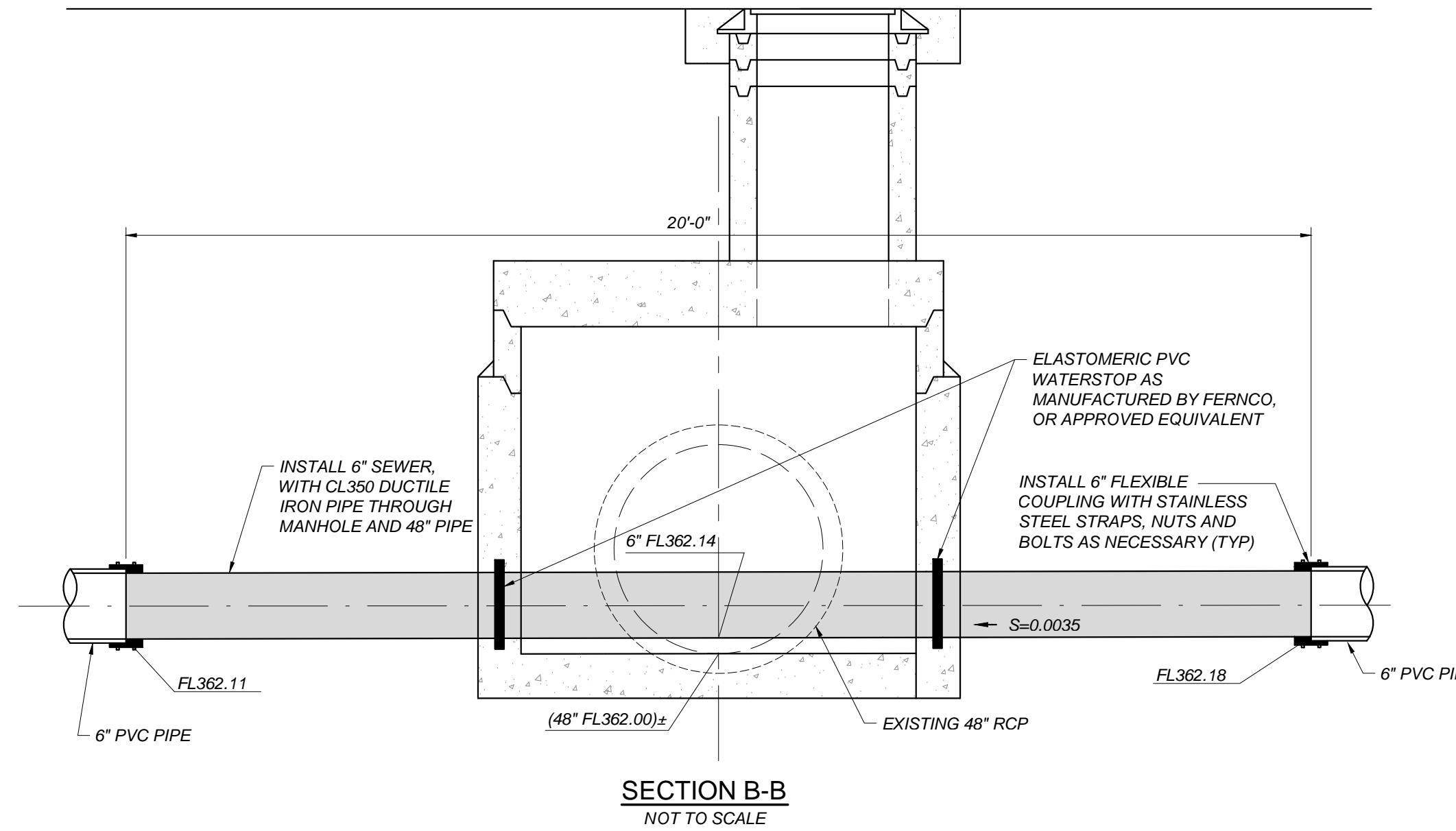
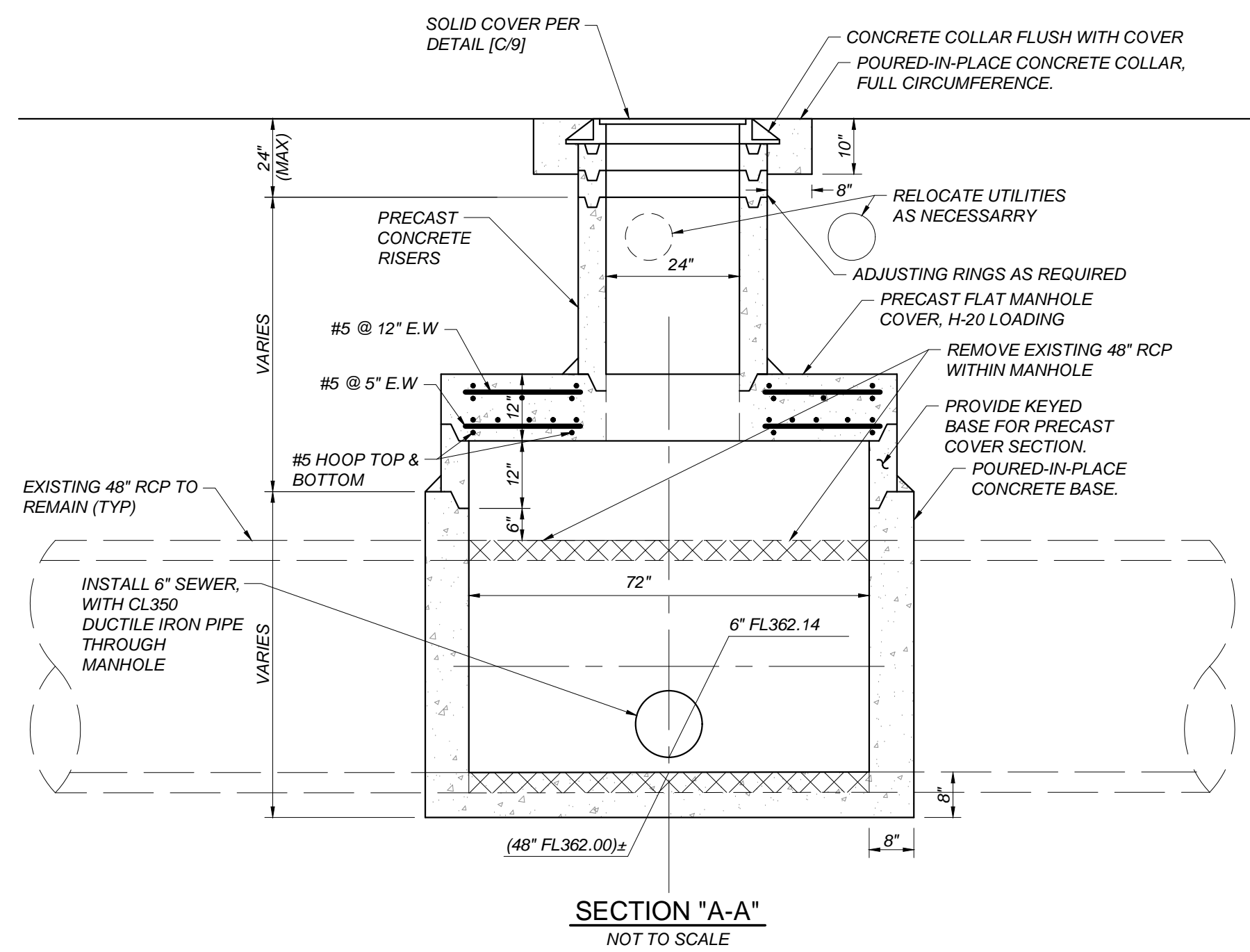
F
8 SURFACE CLEANOUT
NOT TO SCALE



I
8 ADJUST UTILITY LID
NOT TO SCALE

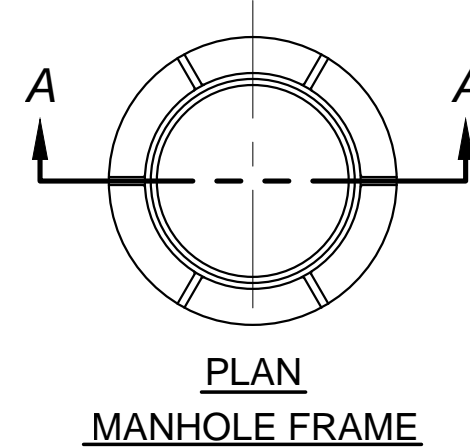
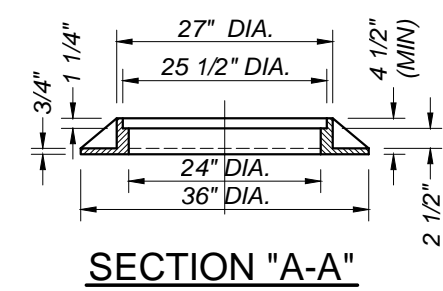


- NOTES:**
1. PRECAST PIPE, ADJUSTING RINGS AND TAPERED SECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH A.S.T.M. C-478, USING TYPE II CEMENT.
 2. ALL JOINTS BETWEEN PRECAST SECTIONS SHALL BE MORTARED.
 3. INTERIOR OF THE MANHOLE SHALL HAVE A SMOOTH TROWELED SURFACE, (WOOD TROWEL).



A
9
DUCTILE IRON PIPE THROUGH STORM DRAIN MANHOLE
NOT TO SCALE

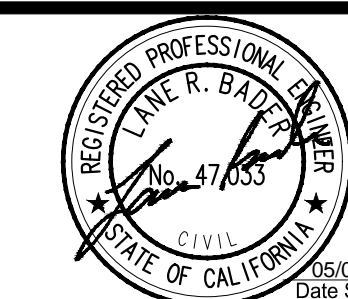
B
9
CONNECTION OF 4" SEWER TO PROPOSED 6" SEWER
NOT TO SCALE



- NOTES:**
1. ALL DIMENSIONS ARE FINISHED DIMENSIONS.
 2. MATERIAL SHALL BE CAST IRON.
 3. FRAME AND COVER TO BE CONSTRUCTED IN ACCORDANCE WITH A.S.T.M. DESIGNATION A48, CLASS 25.
 4. MANHOLE COVER DESIGN, AS A MINIMUM, IS TO HAVE THE WORDS "STORM SEWER" OR "STORM DRAIN" MOLDED INTO THE COVER, AS APPROPRIATE.
 5. GRATE OPENINGS SHALL BE 1/2" MAXIMUM WHERE LOCATED WITHIN THE PEDESTRIAN PATH OF TRAVEL.
 6. INSTALL SLOTTED GRATE SO SLOTS ARE PARALLEL WITH THE DIRECTION OF SURFACE DRAINAGE FLOW.

C
9
MANHOLE FRAME AND LID
NOT TO SCALE

Blair, Church & Flynn
CONSULTING ENGINEERS



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REF. & REV.

CLOVIS UNIFIED SCHOOL DISTRICT
CLOVIS EAST HIGH SCHOOL SOCCER STADIUM
SEWER IMPROVEMENTS

CONST. DOCUMENTS
DR. BY: _____
CH. BY: _____
DATE: _____
SCALE AS NOTED

SHEET NO. **9**
OF **10** SHEETS