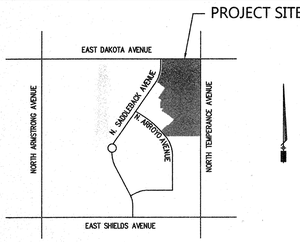
STREET IMPROVEMENT PLANS

VICINITY MAP:



UNDERGROUND SERVICE ALERT

811

Know what's **below.**
Call before you dig.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS 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 DESIGN PROFESSIONAL.

SPECIAL NOTE:

WHERE UNDERGROUND AND SURFACE STRUCTURES ARE SHOWN ON THE PLANS, THE LOCATIONS, DEPTH AND DIMENSIONS OF STRUCTURES ARE BELIEVED TO BE REASONABLY CORRECT, BUT ARE NOT GUARANTEED. SUCH STRUCTURES ARE SHOWN FOR THE INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES WILL, IN ALL CASES, BE FOUND WHERE SHOWN, OR THAT THEY REPRESENT ALL OF THE STRUCTURES WHICH MAY BE ENCOUNTERED.

CONTRACTOR SHALL NOTIFY "USA" (UNDERGROUND SERVICE ALERT) AT 811, TWO WORKING DAYS BEFORE COMMENCING EXCAVATION AND ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK, OF CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES, AND CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES WITHIN THE WORK AREA.

GENERAL NOTES:

1. THE WORK EMBRACED HEREIN SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE PROVISIONS OF THE SPECIFICATIONS ENTITLED CITY OF FRESNO, STANDARD SPECIFICATIONS, FEBRUARY 2016 EDITION, INSOFAR AS THE SAME MAY APPLY, WHICH SPECIFICATIONS HEREINAFTER ARE REFERRED TO AS THE STANDARD SPECIFICATION.
2. THE SANITARY SEWER SYSTEM AND HOUSE CONNECTIONS, TOGETHER WITH WATER MAIN, GAS MAINS, IF ANY, AND THEIR RESPECTIVE SERVICE CONNECTIONS SHALL BE COMPLETED IN THE STREET BEFORE INSTALLATION OF THE STREET SURFACING.
3. INSTALL SIDEWALKS, CURBS, AND GUTTERS AS PER CITY OF FRESNO STANDARD DRAWING P-5 AND IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS. CURBS AND GUTTERS SHALL BE CONSTRUCTED BEFORE PLACING THE STREET SURFACING AND BASE COURSE.
4. PERMITS MUST BE OBTAINED AND FEES PAID IN ACCORDANCE WITH ORDINANCES OF THE CITY OF FRESNO.
5. THE TYPICAL CROSS SECTIONS SHOWN SHALL BE USED ONLY FOR THE PAVEMENT STRUCTURAL SECTION, OVERLAY THICKNESS AND SIDE SLOPES. SEE PLAN AND PROFILE SHEETS FOR HORIZONTAL LIMITS AND LOCATIONS OF CURB AND GUTTER, MEDIAN ISLANDS, SAWCUTTING, GRINDING, OVERLAYS, SIDEWALKS, FENCES, ROW LINES, EXISTING FEATURES AND ANY OTHER PROPOSED IMPROVEMENTS. THE TYPICAL CROSS SECTION SHOULD NOT BE USED FOR STAKING OF PROPOSED IMPROVEMENTS.
6. ALL STREETS SHALL BE SURFACED IN ACCORDANCE WITH THIS PLAN AND THE FOLLOWING SPECIFICATIONS:
   A. 6-INCH SUBGRADE AND ALL FILLS IN EXCESS OF 6 INCHES WILL BE COMPACTED IN ACCORDANCE WITH THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, SECTION 19 OF THE STANDARD SPECIFICATIONS, 2016.
   B. AGGREGATE BASE SHALL CONFORM TO AND BE PLACED IN ACCORDANCE WITH SECTION 12 OF THE CITY STANDARDS SPECIFICATIONS, USING CLASS 2 AGGREGATE BASE, AND AGGREGATE SUB-BASE SHALL UTILIZE CLASS 2 AGGREGATE SUB-BASE MATERIAL (MINIMUM 50 R-VALUE).
   C. PAINT BINDER WILL BE AS SPECIFIED BY THE CITY ENGINEER AND SHALL CONFORM TO AND BE APPLIED IN ACCORDANCE WITH SECTION 13 OF THE CITY STANDARD SPECIFICATIONS.
   D. ASPHALT CONCRETE SURFACING SHALL BE TYPE A USING PG 64-10 ASPHALT BINDER, CONFORMING TO AND PLACED IN ACCORDANCE WITH SECTION 13 OF THE CITY SPECIFICATIONS.
7. ALL BOUNDARY STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS PLAN.
8. THE TRANSITION BETWEEN THE EDGE AND END OF THE REQUIRED STREET SURFACING AND THE EXISTING SURFACING OR GROUND SHALL NOT HAVE A SLOPE STEEPER THAN 5 PERCENT.
9. ANY CONCRETE WORK TO BE CONSTRUCTED SHALL CONFORM TO CITY OF FRESNO STANDARDS ADOPTED BY RESOLUTION No. 70-36, AS REVISED.
10. INSTALL STREET LIGHTING SYSTEM IN ACCORDANCE WITH RESOLUTION No. 78-522 AND 88-229. LOCATION OF LIGHTS TO BE DETERMINED AND APPROVED BY THE TRAFFIC ENGINEER, SERVICE LOCATION TO BE DETERMINED BY P.G.&E. THE STREETLIGHTS SHALL BE INSTALLED IN ACCORDANCE WITH PUBLIC WORKS STANDARDS E-1 THROUGH E-28.
11. TRAFFIC REQUIREMENTS:
   A. ALL SIGNING, DETOURING AND BARRICADING SHALL CONFORM TO THE 2014 CALIFORNIA SUPPLEMENT TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES ISSUED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
   B. ALL SIGNS SHALL BE RETROFLECTIVE PER CHAPTER 2A.08 OF THE 2014 MUTCD.
   C. HIGH LEVEL WARNING DEVICES SHALL BE USED ON ALL APPROACHES TO THE CONSTRUCTION AREA.
   D. SPECIAL ATTENTION IS CALLED TO SECTION 7-10.1 THROUGH 10.3 OF THE CITY STANDARD SPECIFICATIONS.
   E. ONE (1) 12-FOOT DRIVING LANE MUST BE MAINTAINED IN EACH DIRECTION AT ALL TIMES.
   F. NO PUBLIC STREET SHALL BE CLOSED WITHOUT PRIOR APPROVAL FROM THE CITY TRAFFIC ENGINEER.
   G. STREET WORK PERMITS ISSUED TO ALLOW WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE REVOKED IF THE ABOVE REQUIREMENTS OF SUBPARAGRAPHS "A" THROUGH "G" ARE NOT STRINGENTLY COMPLIED WITH BY THE DEVELOPER'S FORCES DURING OFF-SITE STREET IMPROVEMENT CONSTRUCTION OPERATIONS. REVOKED PERMITS SHALL NOT BE RE-ISSUED UNTIL SUCH TIME AS THE PUBLIC WORKS DIRECTOR IS SATISFIED THAT THE DEVELOPER'S CONTRACTORS WILL PERFORM THEIR OPERATION IN COMPLIANCE WITH THE ABOVE REQUIREMENTS, INCLUDING THE CONDITIONS OF THE STREET WORK PERMIT.
12. EXISTING PAVEMENT SHALL NOT BE REMOVED UNTIL SUCH TIME AS ALL UTILITIES ARE COMPLETED AND PAVING CONTRACTOR IS READY TO REPAIR WITHIN 5 DAYS.
13. ALL STORM DRAINAGE FACILITIES ARE TO BE COMPLETED PRIOR TO START OF STREET WORK AND IN ACCORDANCE WITH FRESNO METROPOLITAN FLOOD CONTROL DISTRICT STANDARD SPECIFICATIONS AND STANDARD PLANS, APRIL 1, 2011 EDITION, AND REVISIONS THEREOF.
14. CONTRACTOR WILL NOTIFY F.M.F.C.D CONSTRUCTION MANAGER, AT (559)456-3292, 48 HOURS PRIOR TO CONNECTING TO ANY STORM DRAIN FACILITY.
15. CONSTRUCT CURB RAMP AND FINISH RAMP SURFACES AS DIRECTED BY ENGINEER.
16. ALL SEWER MANHOLES AFFECTED BY THIS PROJECT SHALL BE ADJUSTED TO GRADE AS NECESSARY AND INCLUDED IN THIS WORK.
17. ALL EXISTING WATER MAIN VALVES (CAP AND LID) SHALL BE ADJUSTED TO GRADE BY CONTRACTOR. FOR COORDINATION WITH WATER DIVISION, CALL (559)621-5360.
18. TWO WORKING DAYS PRIOR TO COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT, TOLL FREE, AT 1-800-227-2600 or 811.
19. INITIAL COMPACTION TESTS SHALL BE PAID FOR BY THE DEVELOPER, ANY REQUIRED RETESTS SHALL BE PAID FOR BY THE CONTRACTOR.
20. THE DEVELOPER SHALL OBTAIN POLE IDENTIFICATION NUMBERS FROM PG&E AND THE DEVELOPER SHALL INSTALL NUMBERS IN ACCORDANCE WITH CITY OF FRESNO STANDARD DRAWING E-25.
21. ALL EXISTING OVERHEAD UTILITIES SHALL BE PLACED UNDERGROUND AS PER RESOLUTION No. 78-522 AND 88-229. IF OVERHEAD UTILITIES ARE TO BE RELOCATED, THE RELOCATION SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE OF THE STREET IMPROVEMENTS BY THE CITY.
22. APPROVAL OF STREET PLANS SHALL IN NO WAY BE CONSTRUED AS A GRANT BY THE CITY OF ANY RIGHTS TO THE SUBDIVIDER TO TRESPASS UPON LAND RIGHTFULLY IN THE POSSESSION OF, OR OWNED BY ANOTHER, WHETHER SUCH LAND IS PRIVATELY OR PUBLICLY OWNED. THE DEVELOPER SHALL OBTAIN WRITTEN AUTHORIZATION FROM ANY ADJACENT PROPERTY OWNER GIVING HIM PERMISSION TO ENTER HIS PROPERTY FOR PURPOSE OF CONSTRUCTING THE IMPROVEMENTS DELINEATED ON THESE PLANS AND TRANSITIONS THERETO. THE DEVELOPER SHALL PROVIDE THE CITY WITH A COPY OF OWNERS PERMISSION PRIOR TO START OF WORK.
23. AN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK TO BE PERFORMED IN THE COUNTY OF FRESNO ROAD RIGHT-OF-WAY. CONTACT THE COUNTY PERMIT ENGINEER AT (559) 600-4240 TO OBTAIN PERMIT. IF AN ENCROACHMENT PERMIT HAS NOT BEEN OBTAINED WITHIN 12 MONTHS OF THE APPROVAL DATE OF THESE PLANS, ADDITIONAL REVIEW AND REVISIONS TO THE PLANS MAY BE REQUIRED BEFORE PERMIT IS ISSUED.
24. DEVELOPER TO FURNISH AND INSTALL LOCAL STREET NAME SIGNS AT EACH INTERSECTION WITHIN SUBDIVISION PER CITY OF FRESNO STANDARD DRAWING P-92.

ELECTRICAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 86 OF THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS, 2015 REVISION, AND SECTIONS ES-1 THRU ES-16 OF THE STATE OF CALIFORNIA STANDARD PLANS.
2. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES AND PROVIDE PROTECTION PRIOR TO AND DURING TRENCHING.
3. POTENTIAL OVERHEAD CONFLICT WITH HIGH VOLTAGE LINES MAY EXIST. MAINTAIN PROPER CLEARANCE. CONTACT P.G. &E. TO VERIFY WIRE LOCATION.
4. POLES SHALL BE LOCATED IN THE FIELD BY THE CITY OF FRESNO. NOTIFY TRAFFIC ENGINEERING TWO WORKING DAYS IN ADVANCE AT 621-1312.
5. PULL BOXES SHALL BE NO. 5(E), UNLESS OTHERWISE NOTED ON THE PLANS. PULL BOXES SHALL NOT BE INSTALLED IN CURB RAMPS. VANDAL RESISTANT LOCKING LIDS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT FINAL INSPECTION OF THE TRAFFIC SIGNAL. CONTRACTOR SHALL PROVIDE TEMPORARY LIDS DURING CONSTRUCTION. LOCKING LIDS SHALL BE GALVANIZED STEEL DIAMOND PLATE, MINIMUM THICKNESS 3/16", WITH MINIMUM TWO (2) CLAMPING JAWS AND BE KEYED TO THE CITY OF FRESNO KEY. ALL PULL BOXES SHALL BE AT A MAXIMUM OF 200' APART.
6. ALL PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL BE SURROUNDED BY A ONE (1) FOOT WIDE CONCRETE COLLAR, TO A DEPTH EQUAL TO THE PULL BOX AND EXTENSION, PER CITY OF FRESNO SPECIFICATIONS, AND SHALL HAVE A VANDAL RESISTANT (SEE NOTE LOCKING LID INSTALLED. ALL CONDUIT ENTRIES INTO ADVANCE DETECTION, INTERMEDIATE DETECTION, AND STREET LIGHTING PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL ENTER THE PULLBOX FROM THE BOTTOM, USING 90 DEGREE ELBOWS AND EXTENDING 3 TO 5 INCHES ABOVE THE FINISHED GRADE.
7. ALL CONDUITS SHALL HAVE BUSHINGS INSTALLED PRIOR TO INSTALLING CONDUCTORS. STEEL CONDUITS SHALL HAVE LAY IN STYLE LUGS THAT ARE CAST INTEGRAL WITH THE BUSHING.
8. CONDUIT BENDS OF 90 DEGREES ARE PROHIBITED UNLESS OTHERWISE NOTED OR WRITTEN PERMISSION IS GIVEN BY THE CITY OF FRESNO ENGINEER.

LEGEND:

- EXISTING SECTION LINE
- EXISTING CENTER LINE
- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- EXISTING CURB & GUTTER
- EXISTING OVERHEAD LINE
- EXISTING TELEPHONE LINE
- EXISTING EDGE OF PAVEMENT
- SAWCUT LINE
- PROPOSED CURB & GUTTER
- EXISTING HANDICAP RAMP
- EXISTING DRIVE APPROACH
- EXISTING CONCRETE
- PROPOSED CONCRETE
- EXISITING PAVEMENT TO REMAIN
- PROPOSED PAVEMENT
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- PROPOSED WATER METER
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- EXISTING STREET LIGHT
- PROPOSED STREET LIGHT
- PROPOSED BLOCK WALL
- EXISTING BLOCK WALL
- EXISTING UTILITY POLE
- EXISTING TELEPHONE POLE
- EXISTING TREE
- CONSTRUCT CURB RAMP PER CITY STDS. P-28 & P-32
- CONSTRUCT VALLEY GUTTER PER CITY STD. P-10

AP	ANGLE POINT
BLDG	BUILDING
C	CONCRETE
CATV	CABLE TELEVISION
CL	CENTER LINE
ELB	ELECTRIC BOX
EP	EDGE OF PAVEMENT
FD	FINISH DIRT
FF	FINISH FLOOR
FH	FIRE HYDRANT
FL	FLOWLINE
FNC	FENCE
GB	GRADE BREAK
GW	GUY WIRE
HP	HINGE POINT
LIP	LIP OF GUTTER
OG	ORIGINAL GROUND
P	PAVEMENT
PL	PROPERTY LINE
PP	POWER POLE
RET	RETURN
R/W	RIGHT-OF-WAY LINE
S	SLOPE
SDMH	STORM DRAIN MANHOLE
SL	SECTION LINE
SSMH	SANITARY SEWER MANHOLE
SW	SIDEWALK
TC	TOP OF CURB
TELB	TELEPHONE BOX
TELR	TELEPHONE RISER
TOE	TOE OF SLOPE
TOP	TOP OF SLOPE
TD	TOP OF DIKE
TP	TELEPHONE POLE
VG	VALLEY GUTTER
VP	VENT PIPE/STAND PIPE
WM	WATER METER
WV	WATER VALVE
(XXX.XX)	EXISTING GRADE
XXX.XX	PROPOSED GRADE

SHEET INDEX:

SHEET No & DESCRIPTION	DRAWING No.
1 COVER SHEET	15-C-17248
2 OVERALL STREET PLAN	15-C-17249
3 NORTH CLOVER AVENUE	15-C-17250
4 EAST RAMONA WAY & EAST GIAVANNA AVENUE	15-C-17251
5 EAST ROBINSON AVENUE & EAST GARLAND AVENUE	15-C-17252
6 EAST FEDORA AVENUE & NORTH McKELVEY AVENUE	15-C-17253
7 EAST DAKOTA AVENUE	15-C-17254
8 NORTH TEMPERANCE AVENUE	15-C-17255
9 NORTH TEMPERANCE AVENUE	15-C-17256
10 STRIPING - EAST DAKOTA AVENUE & NORTH TEMPERANCE AVENUE	15-C-17257
11 STRIPING - NORTH TEMPERANCE AVENUE	15-C-17258

ASSOCIATED PLANS:

SHEET No & DESCRIPTION	DRAWING No.
1 STREETLIGHT PLAN (DAKOTA, TEMPERANCE, & ON-SITE)	4-C-1533

PREPARED FOR:

LENNAR HOMES OF CALIFORNIA
8080 NORTH PALM AVENUE, SUITE 101
FRESNO, CA 93711
PH. (559) 435-7448

PREPARED BY:

YAMABE & HORN ENG.
2985 NORTH BURL AVE. SUITE 101
FRESNO, CA 93727
PH. (559) 244-3123
FAX. (559) 224-3120

REGISTERED PROFESSIONAL ENGINEER
ADAM B. LEE
No. 69104
CIVIL
STATE OF CALIFORNIA
7-20-2018

INSPECTION FEE: $44,233.00

SUBMITTAL FEE	$ 362.00
(R.N 606952) REMAINING PLAN REVIEW FEE:	$ 43,871.00
	$19,214.00
INITIAL DEPOSIT	$ 5,000.00
SUBMITTAL FEE (C.M. NO. PWT-7463)	$ 7,270.00
AMOUNT DUE: (R.N. 606952)	$ 6,944.00

BENCHMARK:

TBM 4789
FD CHISLED SQ ON CURB OF NORTH ARMSTRONG AVENUE 110' NORTH OF DAYTON

ELEV=348.63

*TOPOGRAPHIC SURVEY PERFORMED BY YAMABE & HORN ENGINEERING ON MAY 18, 2016 AND FEB. 2, 2018

APPROVED BY:

CITY OF FRESNO, TRAFFIC ENGINEERING — DATE 8/7/2018

FRESNO METROPOLITAN FLOOD CONTROL DISTRICT — DATE 7/23/18

ADAM. B. LEE, P.E. — DATE 7-20-2018

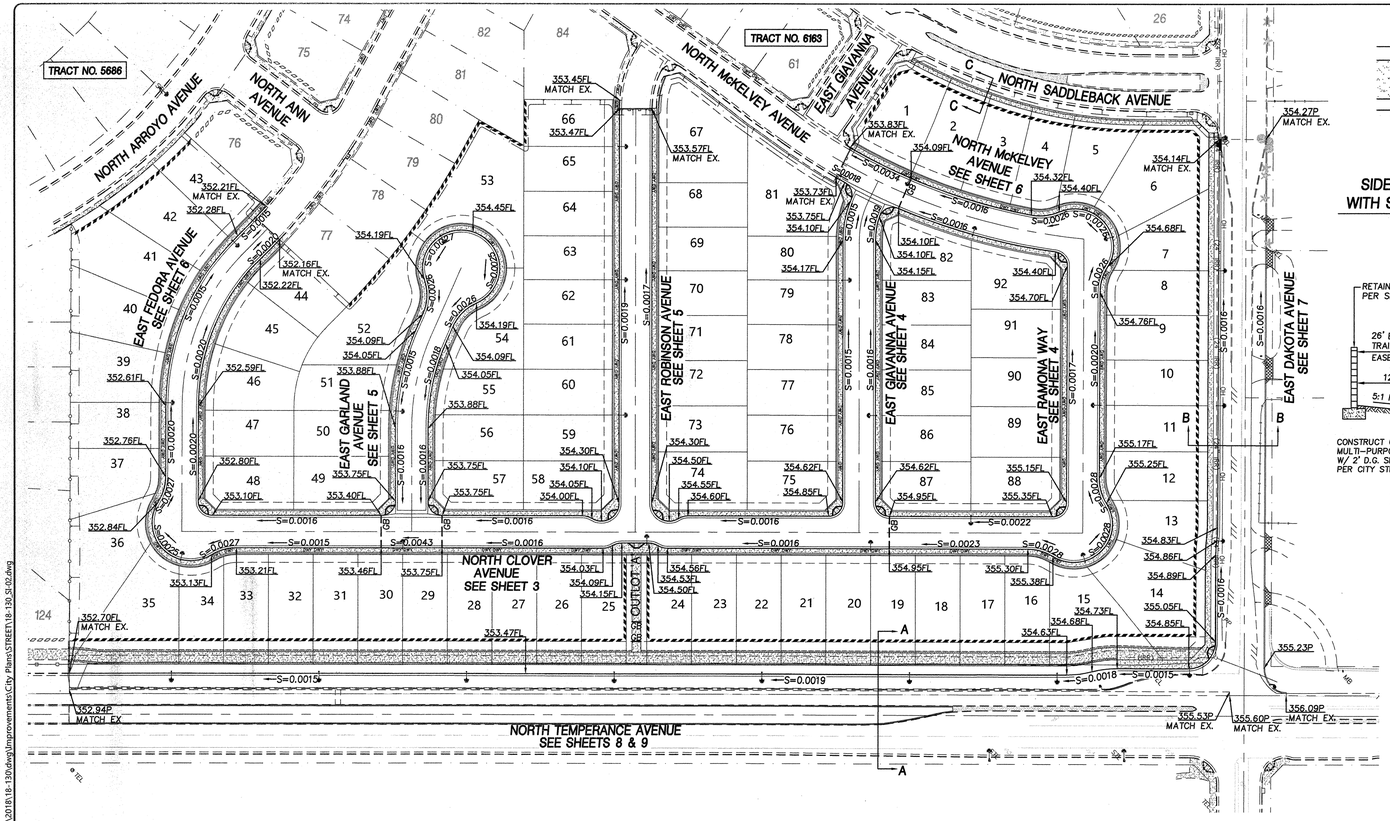
FMFCD CONTRACT "BV-F"	BV-F-1
CITY OF FRESNO	Department of Public Works

PLANS & SPECIFICATIONS FOR THE DEVELOPMENT OF STREETS
TRACT 6216 PHASE III, TRACT 5571
COVER SHEET

PW File No. 12319
Proj. ID.
Fund
Org.
Ref. & Rev.

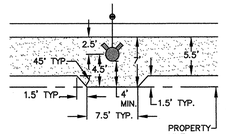
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Dr. By: ER
Ch. By:
Date:
Scale: As Noted
Sheet No. 1 of 11 Sheets
15-C-17248

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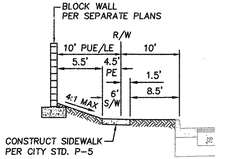
SIDEWALK DETAIL IN CONJUNCTION WITH STREET FURNITURE INSTALLATION

NOT TO SCALE



SECTION C-C
NORTH SADDLEBACK AVENUE
CONCRETE SIDEWALK

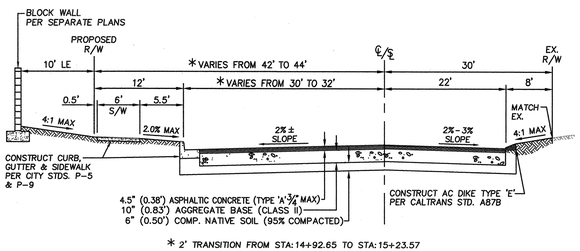
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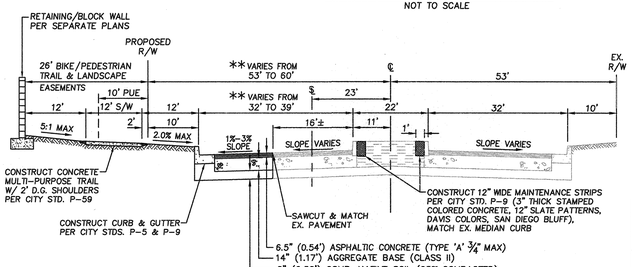
SECTION B-B
EAST DAKOTA AVENUE

NOT TO SCALE

T.I.=7.5 R=31



* 2' TRANSITION FROM STA: 14+92.65 TO STA: 15+23.57

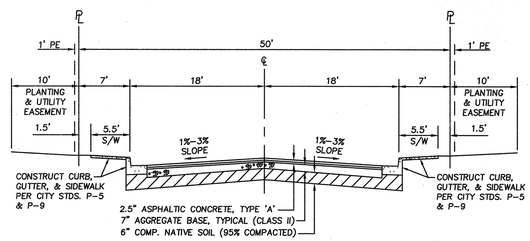


** 7' TRANSITION FROM STA: 31+15.05 TO STA: 31+71.24

SECTION A-A
NORTH TEMPERANCE AVENUE

NOT TO SCALE

T.I.=10.0 R=31



TYPICAL 50' LOCAL STREET SECTION

NOT TO SCALE

T.I.=5.0 R=31

SCALE: 1" = 80'

0 40' 80' 160'

7-20-18

REGISTERED PROFESSIONAL ENGINEER
ADAM B. LEE
No. 59104
CIVIL
STATE OF CALIFORNIA

STREET INFRASTRUCTURE DATA	ARTERIAL	COLLECTOR	LOCAL
LINEAL FT. CONSTRUCTED			
THICKNESS OF PAVING			
SQUARE YARDS OF PAVING			
SQUARE YARDS OF OVERLAY			
NUMBER OF STREET LIGHTS			

PW File No. 12319
Proj. ID.
Fund
Org.
Ref. & Rev.

CITY OF FRESNO | Department of Public Works

PLANS & SPECIFICATIONS FOR THE DEVELOPMENT OF STREETS TRACT 6216 PHASE III, TRACT 5571 OVERALL STREET PLAN

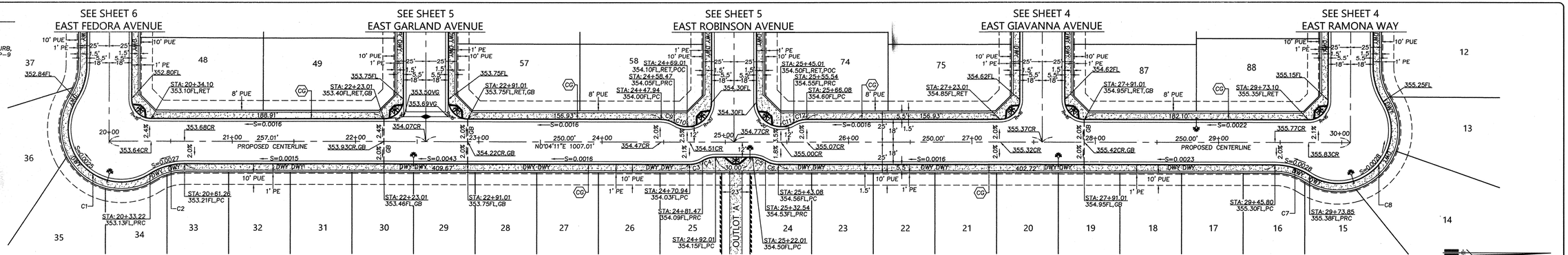
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Dr. By: ER
Ch. By:
Date:
Scale: As Noted
Sheet No. 11 of Sheets
15-C-17249

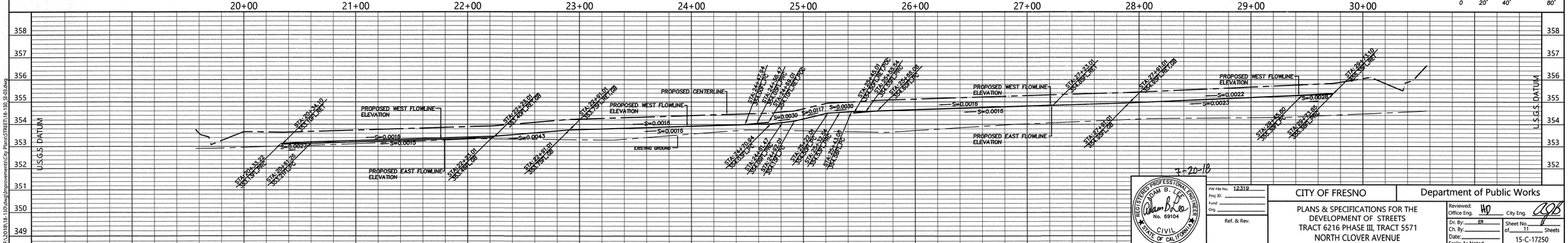
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KEYNOTES:

- DWY — CONSTRUCT DRIVE APPROACH PER CITY STDS. P-4 & P-6
- (CG) — CONSTRUCT CONCRETE SIDEWALK, CURB, & GUTTER PER CITY STDS. P-5 & P-9
- CONSTRUCT VALLEY GUTTER PER CITY STD. P-10
- * — CONSTRUCT ACCESSIBLE RAMP PER CITY STDS. P-28 & P-32
- PROPOSED BLOCK WALL PER SEPARATE PLAN

CURVE TABLE			
CURVE	RADIUS	DELTA	LENGTH
C1	43.00'	155°26'12"	116.65'
C2	52.00'	32°38'13"	29.62'
C3	20.00'	31°47'18"	11.10'
C4	20.00'	31°47'18"	11.10'
C5	20.00'	31°47'18"	11.10'
C6	20.00'	31°47'18"	11.10'
C7	52.00'	32°38'13"	29.62'
C8	43.00'	109°32'21"	82.21'
C9	20.00'	31°47'18"	11.10'
C10	20.00'	31°47'18"	11.10'
C11	20.00'	31°47'18"	11.10'
C12	20.00'	31°47'18"	11.10'





7-20-18

REGISTERED PROFESSIONAL ENGINEER
ADAM B. LEE
No. 69104
CIVIL
STATE OF CALIFORNIA

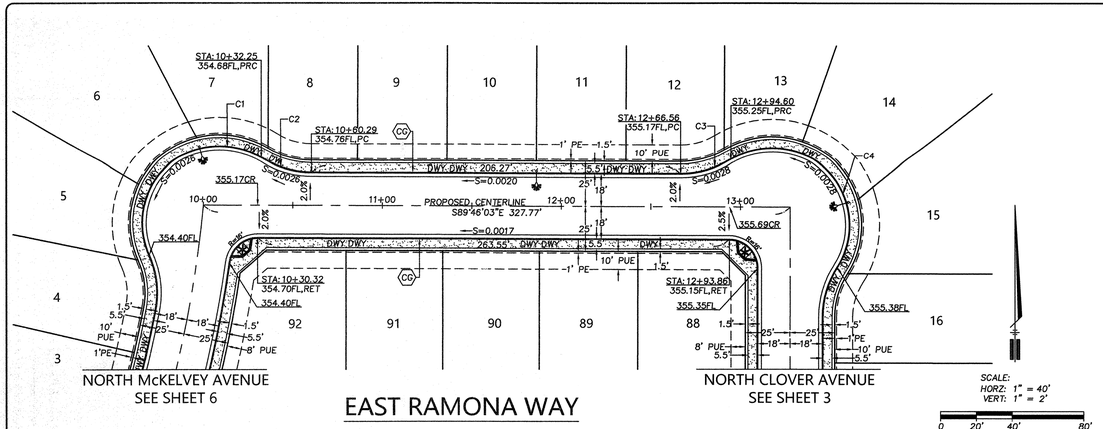
PW File No. 12319
Proj. ID.
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Org.
Ref. & Rev.

CITY OF FRESNO | Department of Public Works

PLANS & SPECIFICATIONS FOR THE DEVELOPMENT OF STREETS TRACT 6216 PHASE III, TRACT 5571 NORTH CLOVER AVENUE

Reviewed: Office Eng. HD City Eng.
Dr. By: ER
Ch. By:
Date:
Scale: As Noted
Sheet No. 11 of Sheets
15-C-17250

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SCALE:
HORZ: 1" = 40'
VERT: 1" = 2'

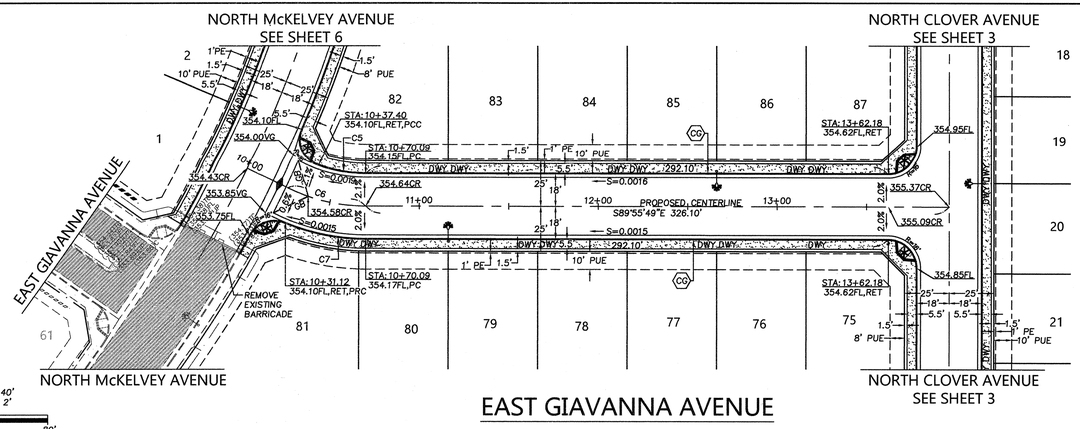
0 20' 40' 80'

KEYNOTES:

- DWY — CONSTRUCT DRIVE APPROACH PER CITY STDS. P-4 & P-6
- CG — CONSTRUCT CONCRETE SIDEWALK, CURB, & GUTTER PER CITY STDS. P-5 & P-9
- CONSTRUCT VALLEY GUTTER PER CITY STD. P-10
- CONSTRUCT ACCESSIBLE RAMP PER CITY STDS. P-28 & P-32
- PROPOSED BLOCK WALL PER SEPARATE PLAN
- EXISTING BLOCK WALL
- EXISTING PAVEMENT TO REMAIN

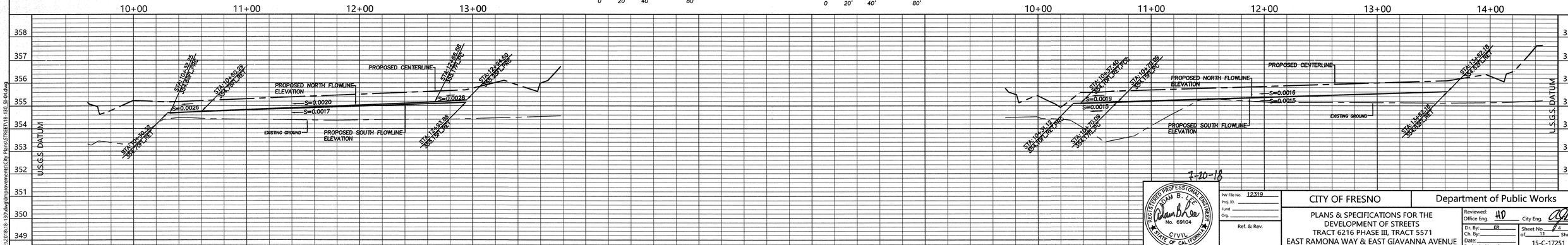
CURVE TABLE

CURVE	RADIUS	DELTA	LENGTH
C1	43.00'	147°00'53"	110.33'
C2	52.00'	32°38'13"	29.62'
C3	52.00'	32°38'13"	29.62'
C4	43.00'	155°06'40"	116.41'
C5	82.00'	18°43'48"	26.81'
C6	100.00'	25°50'02"	45.09'
C7	118.00'	22°19'34"	45.98'



SCALE:
HORZ: 1" = 40'
VERT: 1" = 2'

0 20' 40' 80'



7-20-18

REGISTERED PROFESSIONAL ENGINEER
ADAM B. LEE
No. 69104
CIVIL
STATE OF CALIFORNIA

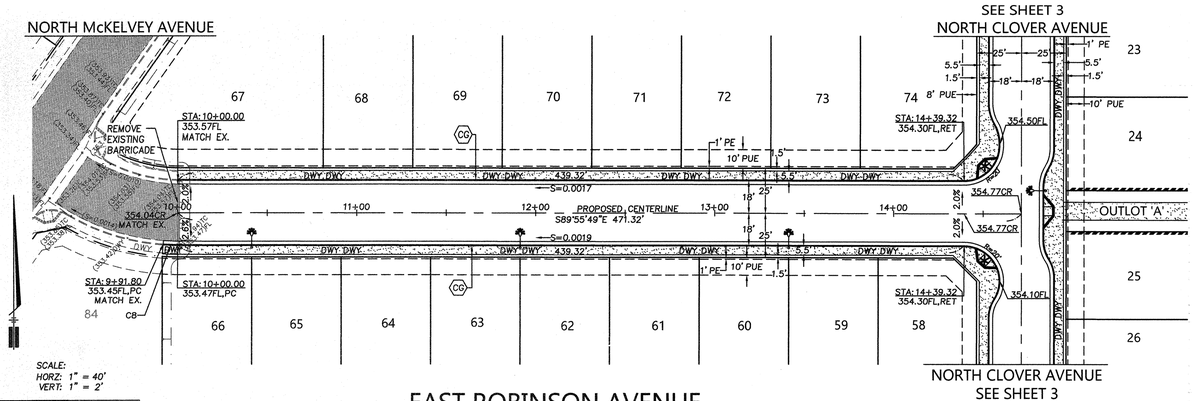
PW File No. 12319
Proj. ID. _____
Fund _____
Org. _____
Ref. & Rev.

CITY OF FRESNO | Department of Public Works

PLANS & SPECIFICATIONS FOR THE
DEVELOPMENT OF STREETS
TRACT 6216 PHASE III, TRACT 5571
EAST RAMONA WAY & EAST GIAVANNA AVENUE

Reviewed: Office Eng. HD City Eng.
Dr. By: ER
Ch. By: _____
Date: _____
Scale: As Noted
Sheet No. 4 of 11 Sheets
15-C-17251

P:\2018\18-130\dwg\Improvements\City Plans\STREET\18-130_SI-04.dwg

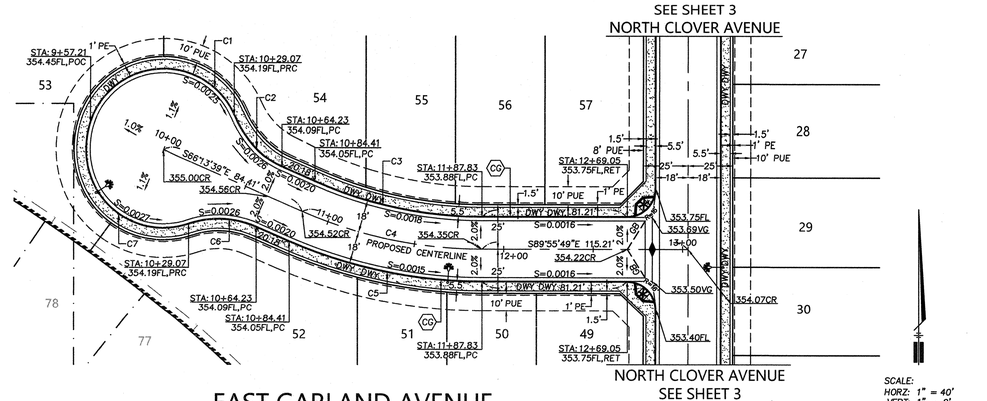


KEYNOTES:

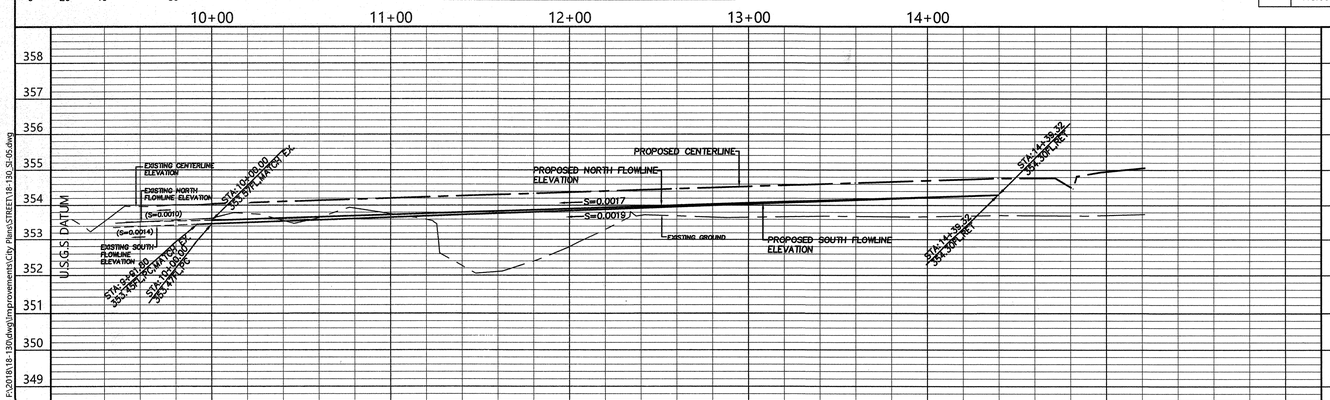
DWY	CONSTRUCT DRIVE APPROACH PER CITY STDS. P-4 & P-6
CG	CONSTRUCT CONCRETE SIDEWALK, CURB, & GUTTER PER CITY STDS. P-5 & P-9
	CONSTRUCT VALLEY GUTTER PER CITY STD. P-10
*	CONSTRUCT ACCESSIBLE RAMP PER CITY STDS. P-28 & P-32
	PROPOSED BLOCK WALL PER SEPARATE PLAN
	EXISTING PAVEMENT TO REMAIN

CURVE TABLE

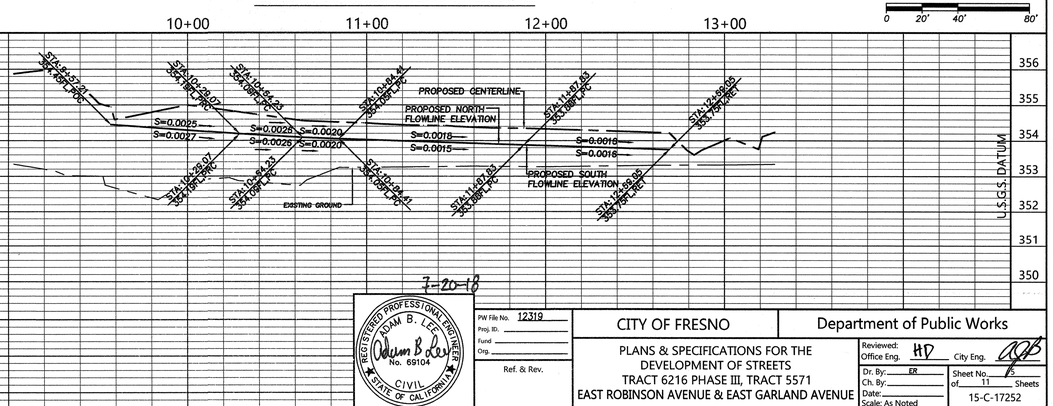
CURVE	RADIUS	DELTA	LENGTH
C1	43.00'	138°11'56"	103.72'
C2	52.00'	42°32'13"	38.61'
C3	232.00'	23°42'10"	95.98'
C4	250.00'	23°42'10"	103.42'
C5	268.00'	23°42'10"	110.87'
C6	52.00'	42°32'13"	38.61'
C7	43.00'	126°52'30"	95.22'
C8	118.00'	3°58'57"	8.20'



EAST ROBINSON AVENUE



EAST GARLAND AVENUE



7-20-18

REGISTERED PROFESSIONAL ENGINEER
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STATE OF CALIFORNIA

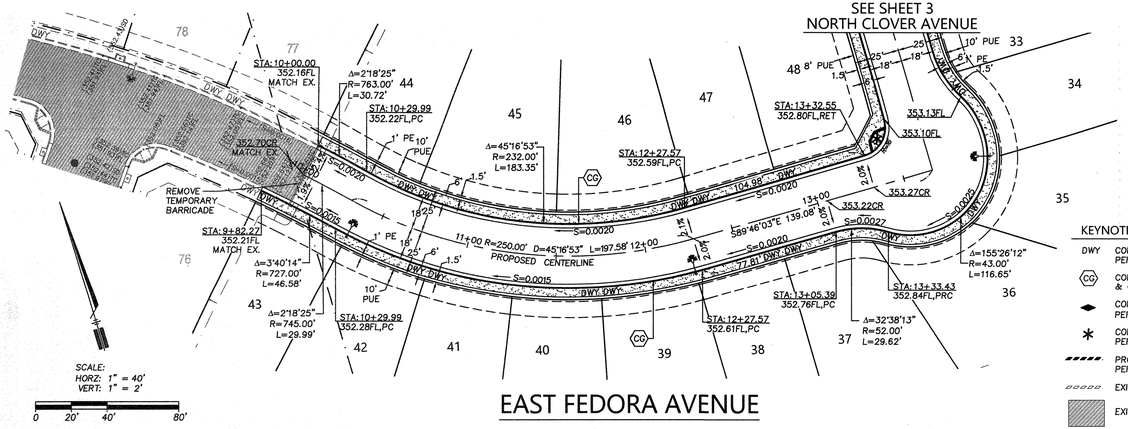
PW File No. 12319
Proj. ID: _____
Fund _____
Org. _____
Ref. & Rev.

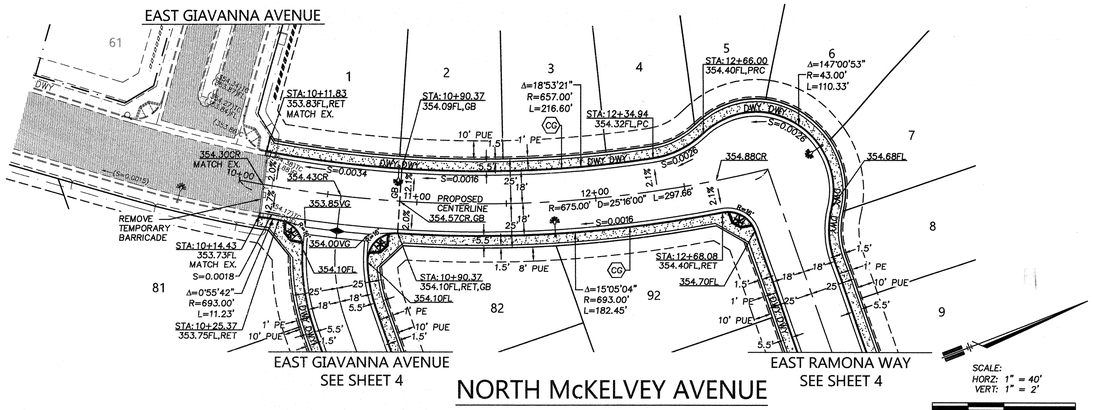
CITY OF FRESNO | Department of Public Works

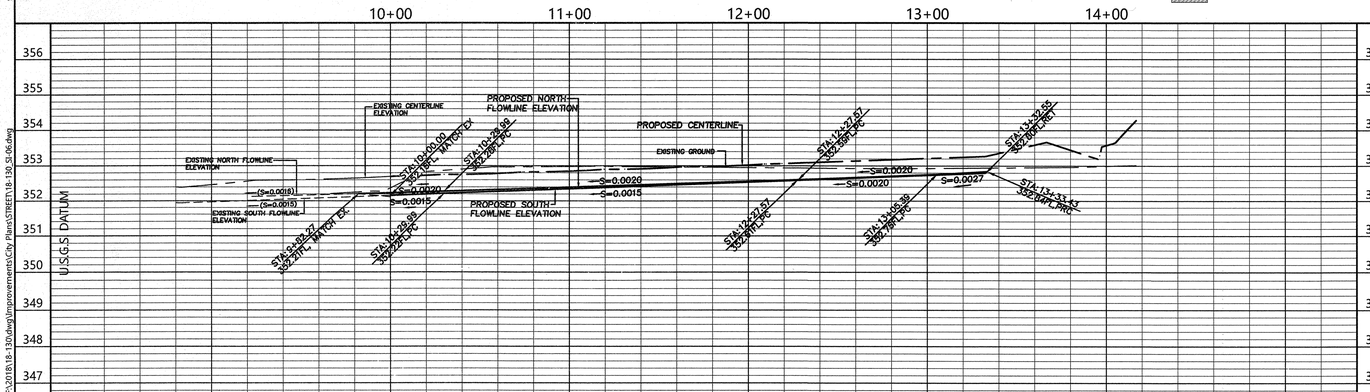
PLANS & SPECIFICATIONS FOR THE DEVELOPMENT OF STREETS
TRACT 6216 PHASE III, TRACT 5571
EAST ROBINSON AVENUE & EAST GARLAND AVENUE

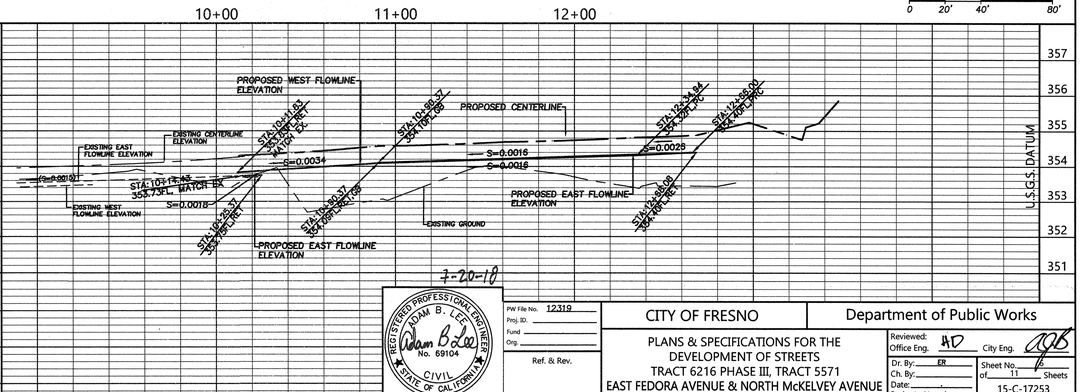
Reviewed: Office Eng. HD City Eng.
Dr. By: ER
Ch. By: _____
Date: _____
Scale: As Noted
Sheet No. 1 of 11 Sheets
15-C-17252

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REGISTERED PROFESSIONAL ENGINEER
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7-20-18

PW File No.	12319
Proj. ID.	
Fund	
Org.	
Ref. & Rev.	

CITY OF FRESNO | Department of Public Works

PLANS & SPECIFICATIONS FOR THE DEVELOPMENT OF STREETS
TRACT 6216 PHASE III, TRACT 5571
EAST FEDORA AVENUE & NORTH McKELVEY AVENUE

Reviewed: Office Eng.	AD
City Eng.	
Dr. By:	ER
Ch. By:	
Date:	
Scale: As Noted	
Sheet No.	11
of	Sheets

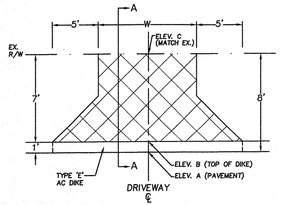
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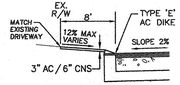
KEYNOTES:

	DRIVE APPROACH TABLE				
	STATION	WIDTH (W)	ELEV. (A)	ELEV. (B)	ELEV. (C)
1	11+55.31	12	354.42	354.75	355.60
2	11+92.75	15	354.49	354.82	355.62
3	13+17.79	21	354.69	355.02	355.78
4	15+09.49	12	355.00	355.33	355.89
5	15+72.07	15	355.10	355.43	355.73

- CG — CONSTRUCT CONCRETE SIDEWALK, CURB, & GUTTER PER CITY STDS. P-5 & P-9
- DK — CONSTRUCT TYPE 'E' AC DIKE PER CALTRANS STD. A87B
- FN — EXISTING FENCE TO BE RELOCATED TO EXISTING RIGHT-OF-WAY
- GD — PROVIDE GRAVEL TO MATCH EXISTING GRAVEL DRIVEWAY, 12% MAX SLOPE
- MB — MAILBOX TO BE RELOCATED.
- EXISTING PAVEMENT TO REMAIN
- DRIVE APPROACH 3" AC/6" CNS, SEE DETAIL 'A' AND DRIVE APPROACH TABLE, THIS SHEET
- T.I. = 7.5 R-VALUE = 31 4.5" ASPHALT CONCRETE TYPE A 10" AGGREGATE BASE CLASS II WITH 95% REL. COMP. 6" SUBGRADE COMPACTED TO 95% REL. COMP.
- PP — POWER POLE TO BE REMOVED. OVERHEAD TO BE UNDERGROUNDED.
- SC — SAWCUT AND MATCH EXISTING PAVEMENT
- SD — CONTRACT BV-F-2 CONSTRUCT FMFCD TYPE 'D' INLET TC = 354.64 EX. 18" (N) FL = (346.70') * REMOVE BRICK & MORTAR PLUG
- SN — EXISTING SIGN TO BE REMOVED
- RR — EXISTING PRIVATE IRRIGATION STAND PIPE AND WELL TO BE REMOVED
- TR — EXISTING TREE TO BE REMOVED
- WV — EXISTING WATER VALVE TO REMAIN & ADJUST TO NEW FINISHED GRADE
- CONSTRUCT CURB RAMP PER CITY STDS. P-28 & P-32
- PROPOSED BLOCK WALL PER SEPARATE PLAN
- EXISTING BLOCK WALL

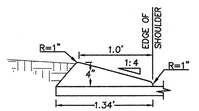


PLAN VIEW

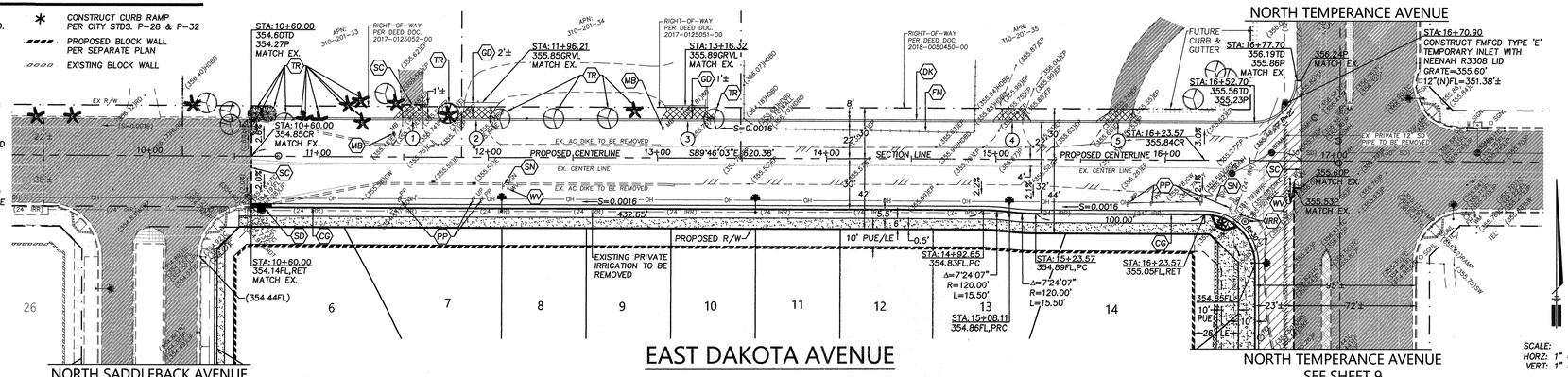


SECTION A-A

DETAIL 'A'
RURAL DRIVE APPROACH AT AC DIKE
NTS

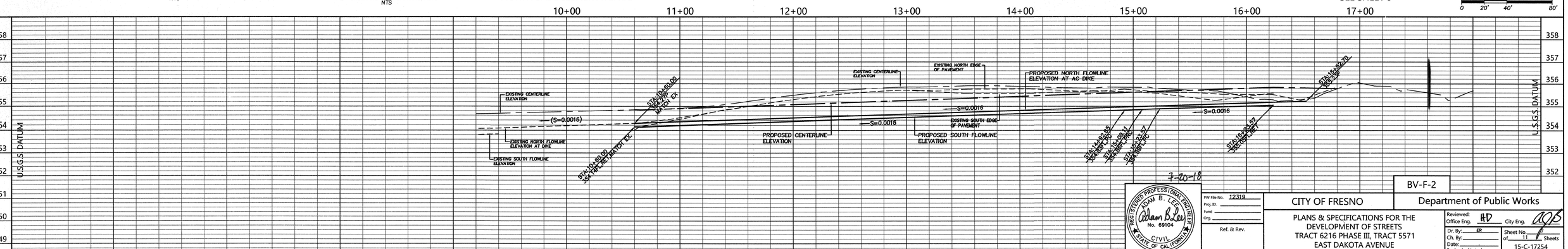


TYPE 'E' AC DIKE
PER CALTRANS STD. DRAWING A87B
NTS



SCALE:
HORZ: 1" = 40'
VERT: 1" = 2'

0 20' 40' 80'



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7-20-18

REGISTERED PROFESSIONAL ENGINEER
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PW File No.	12319
Proj. ID.	
Fund	
Org.	
Ref. & Rev.	

BV-F-2

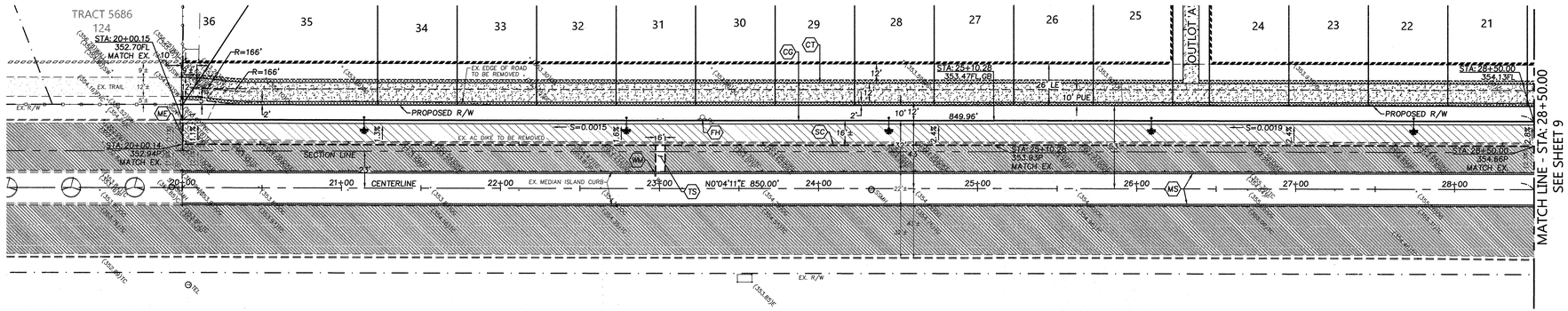
CITY OF FRESNO — Department of Public Works

PLANS & SPECIFICATIONS FOR THE DEVELOPMENT OF STREETS TRACT 6216 PHASE III, TRACT 5571 EAST DAKOTA AVENUE

Reviewed: Office Eng.	HD	City Eng.	
Dr. By:	CR	Sheet No.	11
Ch. By:		of	Sheets
Date:			
Scale: As Noted		15-C-17254	

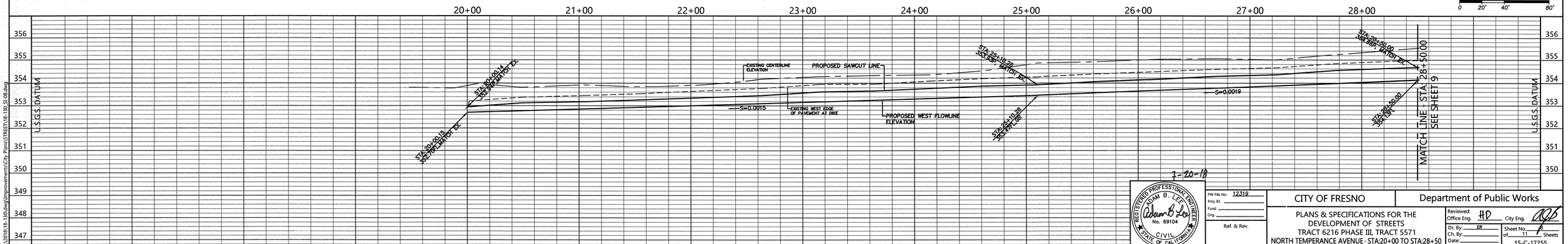
KEYNOTES:

- EXISTING PAVEMENT TO REMAIN
- T.I. = 10.0 R-VALUE = 31 6.5" ASPHALT CONCRETE TYPE A 14" AGGREGATE BASE CLASS II WITH 95% REL. COMP. 6" SUBGRADE COMPACTED TO 95% REL. COMP.
- (CG) CONSTRUCT CONCRETE SIDEWALK, CURB, & GUTTER PER CITY STDS. P-5 & P-9
- (CT) CONSTRUCT CONCRETE MULTI-PURPOSE TRAIL WITH 2' D.G. SHOULDERS PER CITY STD. P-59
- (FH) EXISTING FIRE HYDRANT TO REMAIN AND BE ADJUSTED TO FINISHED GRADE
- (ME) MATCH EXISTING PAVEMENT GRADE
- (MS) CONSTRUCT 12" WIDE MAINTENANCE STRIPS PER CITY STD. P-9 (3" THICK STAMPED COLORED CONCRETE, 12" SLATE PATTERNS, DAVIS COLORS, SAN DIEGO BLUFF), MATCH EX. MEDIAN CURB
- (SC) SAWCUT AND MATCH EXISTING PAVEMENT
- (TS) TRENCH BACKFILL & SURFACE REPLACEMENT PER CITY STD. P-48 (SEE SEPARATE LANDSCAPE PLANS FOR IRRIGATION SLEEVES)
- (WM) EXISTING WATER METER TO REMAIN & BE ADJUSTED TO FINISHED GRADE
- (WV) EXISTING WATER VALVE TO REMAIN AND BE ADJUSTED TO FINISHED GRADE.
- PROPOSED BLOCK WALL PER SEPARATE PLAN
- EXISTING BLOCK WALL



SCALE:
HORZ: 1" = 40'
VERT: 1" = 2'
0 20' 40' 80'

NORTH TEMPERANCE AVENUE



7-20-18

REGISTERED PROFESSIONAL ENGINEER
Adam B. Lee
No. 69104
CIVIL
STATE OF CALIFORNIA

PW File No. 12319
Proj. ID.
Fund
Org.
Ref. & Rev.

CITY OF FRESNO | Department of Public Works

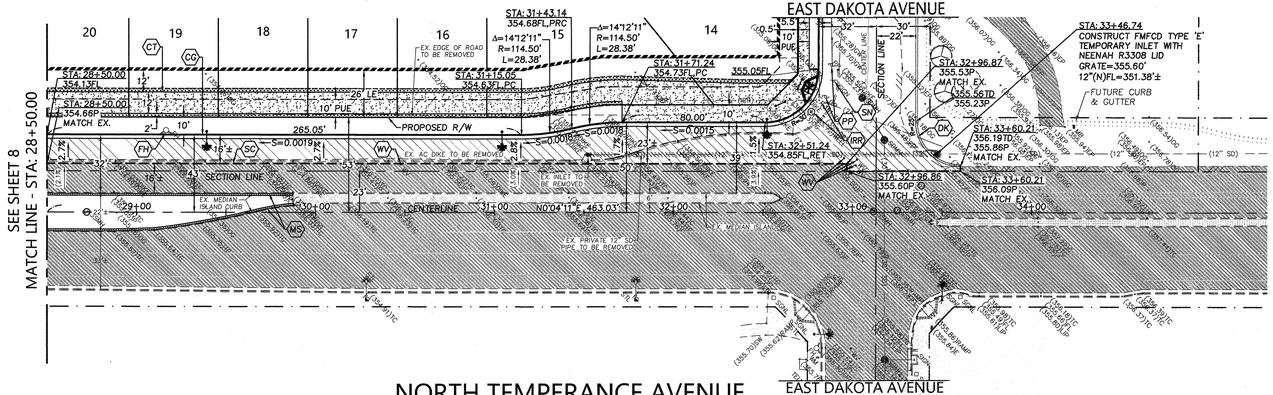
PLANS & SPECIFICATIONS FOR THE DEVELOPMENT OF STREETS
TRACT 6216 PHASE III, TRACT 5571
NORTH TEMPERANCE AVENUE - STA:20+00 TO STA:28+50

Reviewed: Office Eng. HD City Eng.
Dr. By: DR
Ch. By:
Date:
Scale: As Noted
Sheet No. 8 of 11 Sheets
15-C-17255

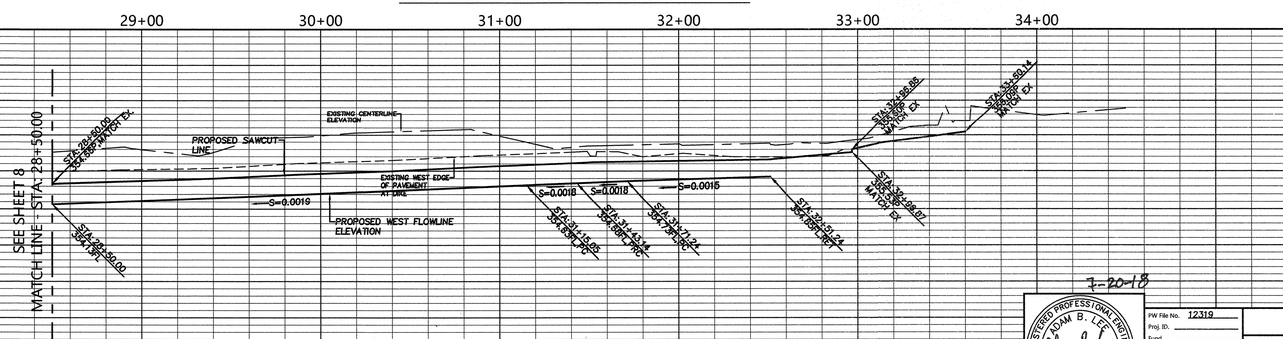
P:\2018\18-130\dwg\Improvements\City Plans\STREET\18-130_SI-08.dwg

KEYNOTES:

- EXISTING PAVEMENT TO REMAIN
- T.I.=10.0 R-VALUE=31 6.5" ASPHALT CONCRETE TYPE A 14" AGGREGATE BASE CLASS II WITH 95% REL. COMP. 6" SUBGRADE COMPACTED TO 95% REL. COMP.
- (CG) CONSTRUCT CONCRETE SIDEWALK, CURB, & GUTTER PER CITY STDS. P-5 & P-9
- (CT) CONSTRUCT CONCRETE MULTI-PURPOSE TRAIL W/ 2' D.G. SHOULDERS PER CITY STD. P-59
- (DK) CONSTRUCT TYPE 'E' AC DIKE PER CALTRANS STD. A87B
- (FH) EXISTING FIRE HYDRANT TO REMAIN AND BE ADJUSTED TO FINISHED GRADE
- (IRW) EXISTING PRIVATE IRRIGATION STAND PIPE AND WELL TO BE REMOVED
- (MS) CONSTRUCT 12" WIDE MAINTENANCE STRIPS PER CITY STD. P-9 (3" THICK STAMPED COLORED CONCRETE, 12" SLATE PATTERNS, DAVIS COLORS, SAN DIEGO BLUFF), MATCH EX. MEDIAN CURB
- (PP) POWER POLE TO BE REMOVED, OVERHEAD TO BE UNDERGROUNDED
- (SC) SAWCUT AND MATCH EXISTING PAVEMENT
- (SN) EXISTING SIGN TO BE REMOVED
- (WV) EXISTING WATER VALVE TO REMAIN AND BE ADJUSTED TO FINISHED GRADE
- * CONSTRUCT CURB RAMP PER CITY STDS. P-28 & P-32
- PROPOSED BLOCK WALL PER SEPARATE PLAN



SCALE:
HORZ: 1" = 40'
VERT: 1" = 2'
0 20' 40' 80'



7-20-18

REGISTERED PROFESSIONAL ENGINEER
ADAM B. LEE
No. 69104
CIVIL
STATE OF CALIFORNIA

PW File No. 12319
Proj. ID.
Fund
Org.
Ref. & Rev.

BV-F-3

CITY OF FRESNO — Department of Public Works

PLANS & SPECIFICATIONS FOR THE DEVELOPMENT OF STREETS
TRACT 6216 PHASE III, TRACT 5571
NORTH TEMPERANCE AVENUE · STA:28+50 TO DAKOTA AVE.

Reviewed: Office Eng. HD — City Eng. ABL
Dr. By: ER
Ch. By:
Date: 5-1-2018
Scale: As Noted
Sheet No. 9 of 11 Sheets
15-C-17256

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