

# City of Merced

RQ#:

## Citizen Action Request Form: Traffic Committee

Contact Person: \_\_\_\_\_ Day Phone: \_\_\_\_\_

Email Address: \_\_\_\_\_

Address: \_\_\_\_\_ Today's Date: \_\_\_\_\_

Location of Concern (map attachments and photographs are encouraged):

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Describe Concerns At This Location: \_\_\_\_\_

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### For Official Use Only:

Project #: \_\_\_\_\_ Date Received: \_\_\_\_\_ Date Field Inspected: \_\_\_\_\_

Field Inspection Results: \_\_\_\_\_

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Date Response To Contact Person: \_\_\_\_\_

Resolution of Concern: \_\_\_\_\_

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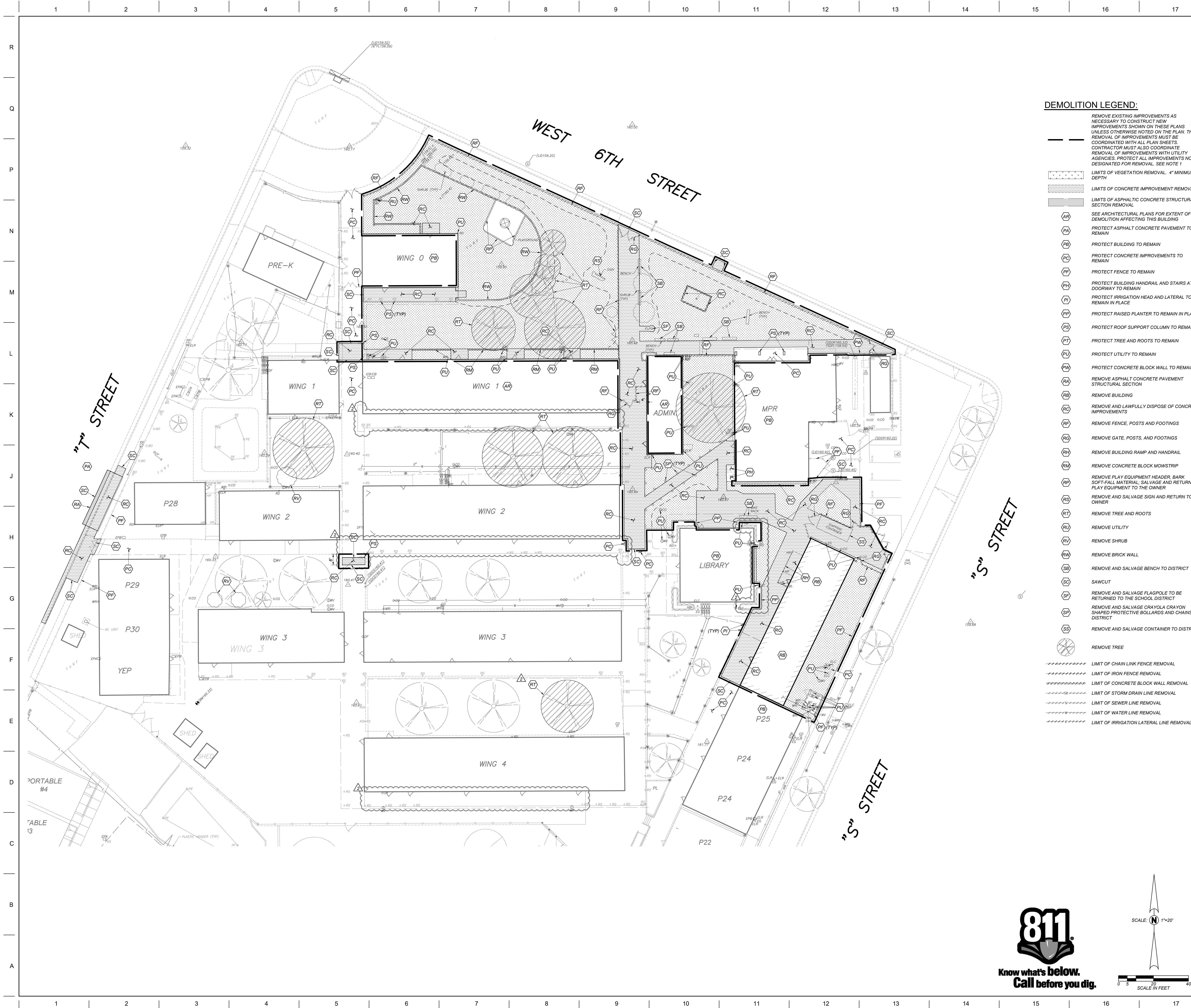
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Date Completed: \_\_\_\_\_

\_\_\_\_\_  
Traffic Engineer's Signature or Designee

\_\_\_\_\_  
Date





**DEMOLITION LEGEND:**

- REMOVE EXISTING IMPROVEMENTS AS NECESSARY TO CONSTRUCT NEW IMPROVEMENTS SHOWN ON THESE PLANS. 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
- LIMITS OF VEGETATION REMOVAL. 4" MINIMUM DEPTH
- LIMITS OF ASPHALTIC CONCRETE STRUCTURAL SECTION REMOVAL
- SEE ARCHITECTURAL PLANS FOR EXTENT OF DEMOLITION AFFECTING THIS BUILDING
- PROTECT ASPHALT CONCRETE PAVEMENT TO REMAIN
- PROTECT BUILDING TO REMAIN
- PROTECT CONCRETE IMPROVEMENTS TO REMAIN
- PROTECT FENCE TO REMAIN
- PROTECT BUILDING HANDRAIL AND STAIRS AT DOORWAY TO REMAIN
- PROTECT IRRIGATION HEAD AND LATERAL TO REMAIN IN PLACE
- PROTECT RAISED PLANTER TO REMAIN IN PLACE
- PROTECT ROOF SUPPORT COLUMN TO REMAIN
- PROTECT TREE AND ROOTS TO REMAIN
- PROTECT UTILITY TO REMAIN
- PROTECT CONCRETE BLOCK WALL TO REMAIN
- REMOVE ASPHALT CONCRETE PAVEMENT STRUCTURAL SECTION
- REMOVE BUILDING
- REMOVE AND LAWFULLY DISPOSE OF CONCRETE IMPROVEMENTS
- REMOVE FENCE, POSTS AND FOOTINGS
- REMOVE GATE, POSTS, AND FOOTINGS
- REMOVE BUILDING RAMP AND HANDRAIL
- REMOVE CONCRETE BLOCK MOWSTRIP
- REMOVE PLAY EQUIPMENT HEADER, BARK SOFT-FALL MATERIAL, SALVAGE AND RETURN PLAY EQUIPMENT TO THE OWNER
- REMOVE AND SALVAGE SIGN AND RETURN TO OWNER
- REMOVE TREE AND ROOTS
- REMOVE UTILITY
- REMOVE SHRUB
- REMOVE BRICK WALL
- REMOVE AND SALVAGE BENCH TO DISTRICT
- SAWCUT
- REMOVE AND SALVAGE FLAGPOLE TO BE RETURNED TO THE SCHOOL DISTRICT
- REMOVE AND SALVAGE CRAYOLA CHAINS SHAPED PROTECTIVE BOLLARDS AND CHAINS TO DISTRICT
- REMOVE AND SALVAGE CONTAINER TO DISTRICT
- REMOVE TREE
- LIMIT OF CHAIN LINK FENCE REMOVAL
- LIMIT OF IRON FENCE REMOVAL
- LIMIT OF CONCRETE BLOCK WALL REMOVAL
- LIMIT OF STORM DRAIN LINE REMOVAL
- LIMIT OF SEWER LINE REMOVAL
- LIMIT OF WATER LINE REMOVAL
- LIMIT OF IRRIGATION LATERAL LINE REMOVAL

DSA File No.: 24-35  
 DSA Application No.: 02-120298  
 APPROVED BY THE STATE ARCHITECT  
 APP: 02-120298 INC: 2  
 REVIEWED FOR: SSSD, FLSB, ACSB  
 DATE: 07/03/2023  
 Agency Approval

**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 POITHOLE TO LOCATE AND VERIFY THE UNDERGROUND UTILITY LINES PRIOR TO REMOVAL.
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.
  - b) FOR ASPHALTIC PAVEMENT REMOVAL, SAWCUT TO A STRAIGHT, CLEAN EDGE AT LOCATIONS INDICATED ON THE PLANS.
9. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, IRRIGATION, AND ARCHITECTURAL PLANS FOR ADDITIONAL DEMOLITION AND COORDINATION.
10. COMPLIANCE WITH FIRE SAFETY DURING CONSTRUCTION WILL BE ENFORCED.

General Notes  
**Blair, Church & Flynn**  
 CONSULTING ENGINEERS  
 Blair, Church & Flynn Consulting Engineers  
 451 Clovis Avenue, Suite 200  
 Clovis, California 93612  
 Tel (559) 326-1400 Fax (559) 326-1500  
 CONSULTANT  
 5/10/2023 Date signed: [Signature]

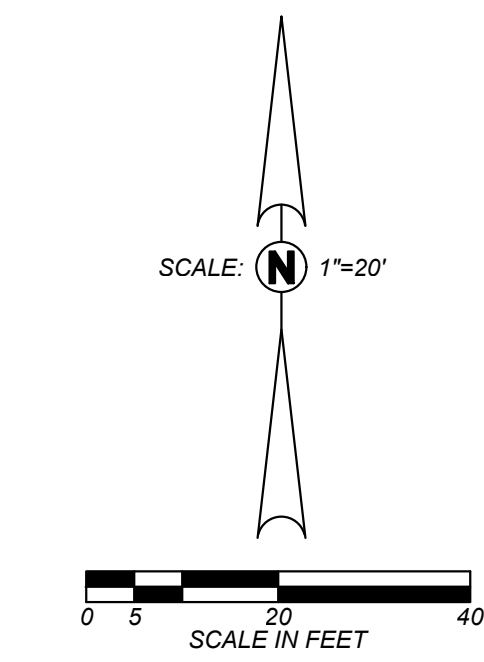
Margaret Sheehy Elementary School  
 Modernization Increment 2  
 Merced City School District  
 Merced, CA  
 Project

DEMOLITION PLAN  
 Drawing

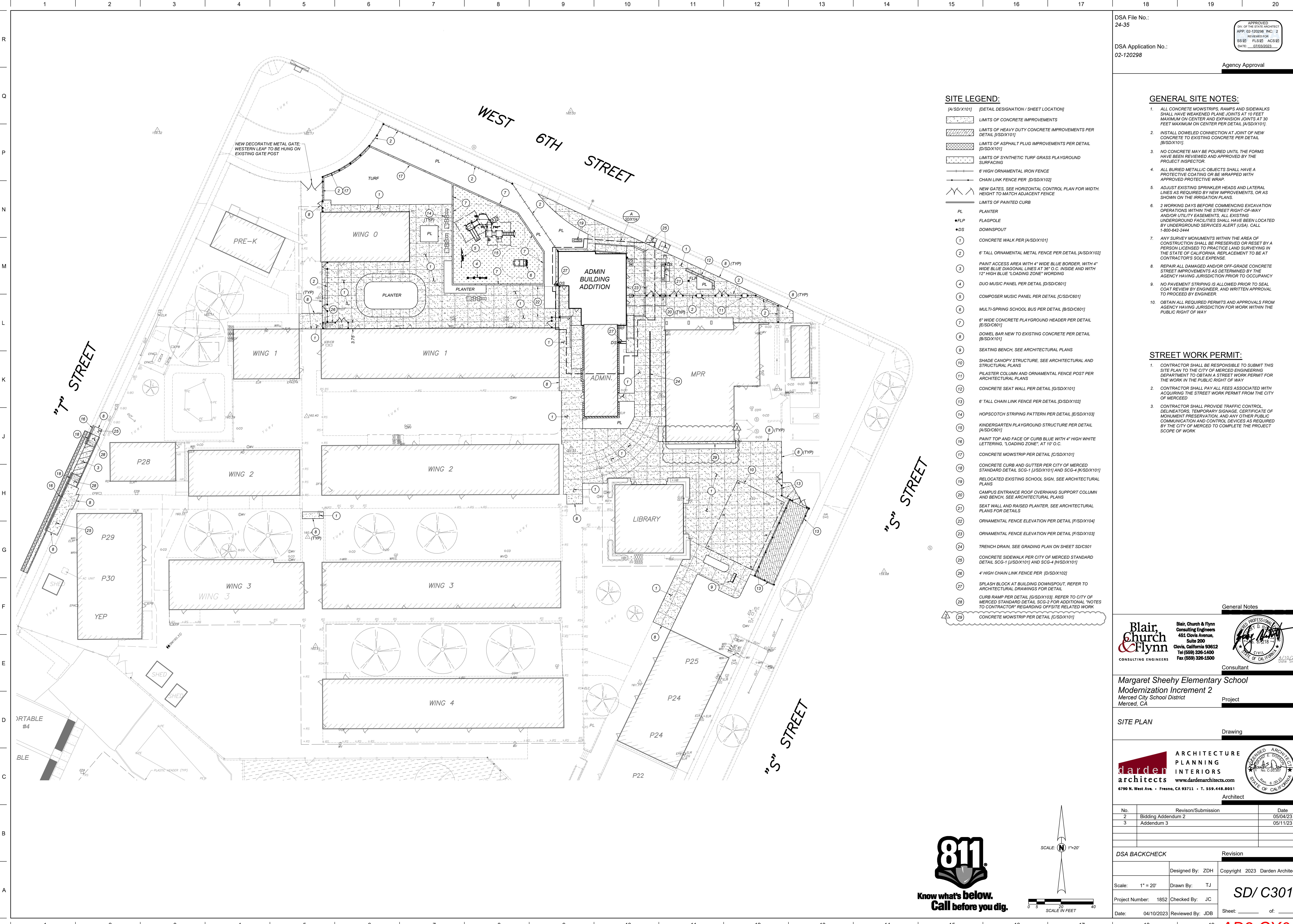
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 ARCHITECT  
 [Professional Seal]

No.	Revision/Submission	Date
2	Bidding Addendum 2	05/04/23

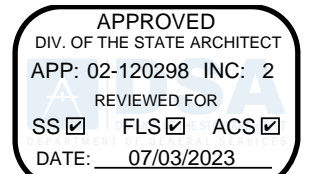
DSA BACKCHECK		Revision
Designed By:	ZDH	Copyright 2023 Darden Architects
Scale:	1" = 20'	Drawn By: TJ
Project Number:	1852	Checked By: JC
Date:	04/10/2023	Reviewed By: JDB
		SD/ C201
		Sheet: _____ of: _____







DSA File No.: 24-35  
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**SITE LEGEND:**

- [A/SD/X101] [DETAIL DESIGNATION / SHEET LOCATION]
- [LIMITS OF CONCRETE IMPROVEMENTS]
- [LIMITS OF HEAVY DUTY CONCRETE IMPROVEMENTS PER DETAIL [J/SD/X101]]
- [LIMITS OF ASPHALT PLUG IMPROVEMENTS PER DETAIL [D/SD/X101]]
- [LIMITS OF SYNTHETIC TURF GRASS PLAYGROUND SURFACING]
- [6' HIGH ORNAMENTAL IRON FENCE]
- [CHAIN LINK FENCE PER [D/SD/X102]]
- [NEW GATES. SEE HORIZONTAL CONTROL PLAN FOR WIDTH, HEIGHT TO MATCH ADJACENT FENCE]
- [LIMITS OF PAINTED CURB]
- PL PLANTER
- FLP FLAGPOLE
- DS DOWNSPOUT
- ① CONCRETE WALK PER [A/SD/X101]
- ② 6' TALL ORNAMENTAL METAL FENCE PER DETAIL [A/SD/X102]
- ③ PAINT ACCESS AREA WITH 4" WIDE BLUE BORDER, WITH 4" WIDE BLUE DIAGONAL LINES AT 36" O.C. INSIDE AND WITH 12" HIGH BLUE "LOADING ZONE" WORDING
- ④ DUO MUSIC PANEL PER DETAIL [D/SD/C601]
- ⑤ COMPOSER MUSIC PANEL PER DETAIL [C/SD/C601]
- ⑥ MULTI-SPRING SCHOOL BUS PER DETAIL [B/SD/C601]
- ⑦ 6" WIDE CONCRETE PLAYGROUND HEADER PER DETAIL [E/SD/C601]
- ⑧ DOWEL BAR NEW TO EXISTING CONCRETE PER DETAIL [B/SD/X101]
- ⑧ SEATING BENCH. SEE ARCHITECTURAL PLANS
- ⑩ SHADE CANOPY STRUCTURE. SEE ARCHITECTURAL AND STRUCTURAL PLANS
- ⑪ PLASTER COLUMN AND ORNAMENTAL FENCE POST PER ARCHITECTURAL PLANS
- ⑫ CONCRETE SEAT WALL PER DETAIL [G/SD/X101]
- ⑬ 6' TALL CHAIN LINK FENCE PER DETAIL [D/SD/X102]
- ⑭ HOPSCOTCH STRIPING PATTERN PER DETAIL [E/SD/X103]
- ⑮ KINDERGARTEN PLAYGROUND STRUCTURE PER DETAIL [A/SD/C601]
- ⑯ PAINT TOP AND FACE OF CURB BLUE WITH 4" HIGH WHITE LETTERING, "LOADING ZONE" AT 10' O.C.
- ⑰ CONCRETE MOWSTRIP PER DETAIL [C/SD/X101]
- ⑱ CONCRETE CURB AND GUTTER PER CITY OF MERCED STANDARD DETAIL SCG-1 [J/SD/X101] AND SCG-4 [K/SD/X101]
- ⑲ RELOCATED EXISTING SCHOOL SIGN. SEE ARCHITECTURAL PLANS
- ⑳ CAMPUS ENTRANCE ROOF OVERHANG SUPPORT COLUMN AND BENCH. SEE ARCHITECTURAL PLANS
- ㉑ SEAT WALL AND RAISED PLANTER. SEE ARCHITECTURAL PLANS FOR DETAILS
- ㉒ ORNAMENTAL FENCE ELEVATION PER DETAIL [F/SD/X104]
- ㉓ ORNAMENTAL FENCE ELEVATION PER DETAIL [F/SD/X103]
- ㉔ TRENCH DRAIN. SEE GRADING PLAN ON SHEET SD/C501
- ㉕ CONCRETE SIDEWALK PER CITY OF MERCED STANDARD DETAIL SCG-1 [J/SD/X101] AND SCG-4 [K/SD/X101]
- ㉖ 4" HIGH CHAIN LINK FENCE PER [D/SD/X102]
- ㉗ SPLASH BLOCK AT BUILDING DOWNSPOUT. REFER TO ARCHITECTURAL DRAWINGS FOR DETAIL
- ㉘ CURB RAMP PER DETAIL [G/SD/X103]. REFER TO CITY OF MERCED STANDARD DETAIL SCG-2 FOR ADDITIONAL NOTES TO CONTRACTOR REGARDING OFFSITE RELATED WORK
- ㉙ CONCRETE MOWSTRIP PER DETAIL [C/SD/X101]

**GENERAL SITE NOTES:**

1. 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/SD/X101].
2. INSTALL DOWELED CONNECTION AT JOINT OF NEW CONCRETE TO EXISTING CONCRETE PER DETAIL [B/SD/X101].
3. NO CONCRETE MAY BE POURED UNTIL THE FORMS HAVE BEEN REVIEWED AND APPROVED BY THE PROJECT INSPECTOR.
4. ALL BURIED METALLIC OBJECTS SHALL HAVE A PROTECTIVE COATING OR BE WRAPPED WITH APPROVED PROTECTIVE WRAP.
5. ADJUST EXISTING SPRINKLER HEADS AND LATERAL LINES AS REQUIRED BY NEW IMPROVEMENTS, OR AS SHOWN ON THE IRRIGATION PLANS.
6. 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
7. 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.
8. REPAIR ALL DAMAGED AND/OR OFF-GRADE CONCRETE STREET IMPROVEMENTS AS DETERMINED BY THE AGENCY HAVING JURISDICTION PRIOR TO OCCUPANCY
9. NO PAVEMENT STRIPING IS ALLOWED PRIOR TO SEAL COAT REVIEW BY ENGINEER, AND WRITTEN APPROVAL TO PROCEED BY ENGINEER.
10. OBTAIN ALL REQUIRED PERMITS AND APPROVALS FROM AGENCY HAVING JURISDICTION FOR WORK WITHIN THE PUBLIC RIGHT OF WAY

**STREET WORK PERMIT:**

1. CONTRACTOR SHALL BE RESPONSIBLE TO SUBMIT THIS SITE PLAN TO THE CITY OF MERCED ENGINEERING DEPARTMENT TO OBTAIN A STREET WORK PERMIT FOR THE WORK IN THE PUBLIC RIGHT OF WAY.
2. CONTRACTOR SHALL PAY ALL FEES ASSOCIATED WITH ACQUIRING THE STREET WORK PERMIT FROM THE CITY OF MERCED
3. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DELINEATORS, TEMPORARY SIGNAGE, CERTIFICATE OF MONUMENT PRESERVATION, AND ANY OTHER PUBLIC COMMUNICATION AND CONTROL DEVICES AS REQUIRED BY THE CITY OF MERCED TO COMPLETE THE PROJECT SCOPE OF WORK

**General Notes**

**Blair, Church & Flynn Consulting Engineers**  
 451 Clovis Avenue, Suite 200  
 Clovis, California 93612  
 Tel (559) 326-1400  
 Fax (559) 326-1500

Professional Engineer Seal: Blair, Church & Flynn, License No. 51218, State of California, dated 07/30/2023.

**Margaret Sheehy Elementary School**  
 Modernization Increment 2  
 Merced City School District  
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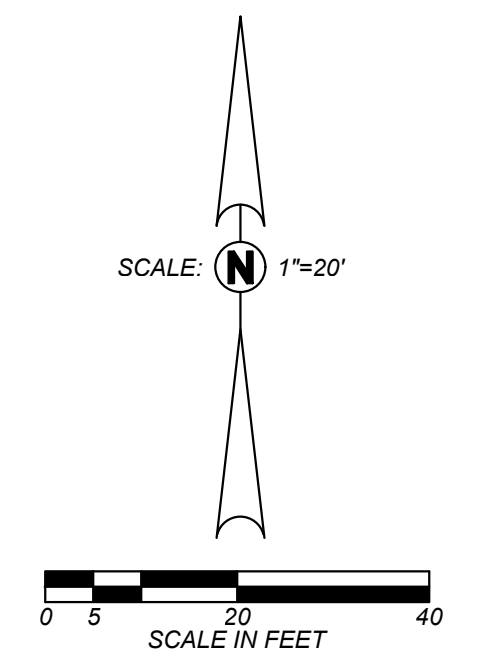
**SITE PLAN**

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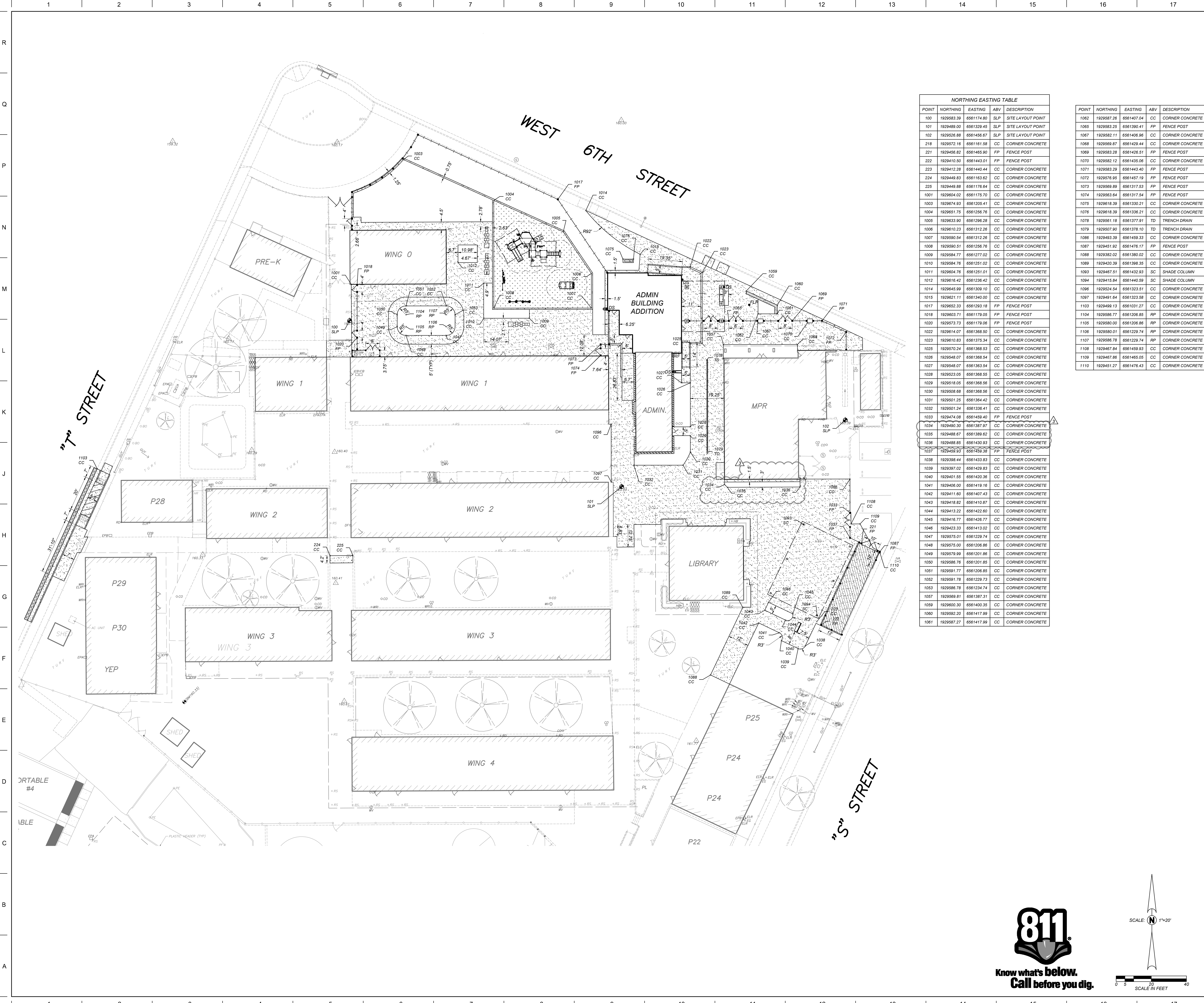
Professional Architect Seal: Darden Architects, License No. 63003, State of California, dated 06/30/2023.

No.	Revision/Submission	Date
2	Bidding Addendum 2	05/04/23
3	Addendum 3	05/11/23

DSA BACKCHECK		Revision	
Designed By:	ZDH	Copyright	2023 Darden Architects
Scale:	1" = 20'	Drawn By:	TJ
Project Number:	1852	Checked By:	JC
Date:	04/10/2023	Reviewed By:	JDB







**NORTHING EASTING TABLE**

POINT	NORTHING	EASTING	ABV	DESCRIPTION
100	1929583.39	6561174.80	SLP	SITE LAYOUT POINT
101	1929489.00	6561329.45	SLP	SITE LAYOUT POINT
102	1929526.88	6561456.67	SLP	SITE LAYOUT POINT
218	1929572.16	6561161.58	CC	CORNER CONCRETE
221	1929456.82	6561463.90	FP	FENCE POST
222	1929410.50	6561443.01	FP	FENCE POST
223	1929412.28	6561440.44	CC	CORNER CONCRETE
224	1929449.83	6561163.62	CC	CORNER CONCRETE
225	1929449.88	6561176.64	CC	CORNER CONCRETE
1001	1929604.02	6561175.70	CC	CORNER CONCRETE
1003	1929674.93	6561205.41	CC	CORNER CONCRETE
1004	1929661.75	6561256.76	CC	CORNER CONCRETE
1005	1929633.90	6561296.28	CC	CORNER CONCRETE
1006	1929610.23	6561312.26	CC	CORNER CONCRETE
1007	1929590.54	6561312.26	CC	CORNER CONCRETE
1008	1929590.51	6561256.76	CC	CORNER CONCRETE
1009	1929584.77	6561277.02	CC	CORNER CONCRETE
1010	1929584.76	6561251.02	CC	CORNER CONCRETE
1011	1929604.76	6561251.01	CC	CORNER CONCRETE
1012	1929616.42	6561236.42	CC	CORNER CONCRETE
1014	1929645.99	6561309.10	CC	CORNER CONCRETE
1015	1929621.11	6561340.00	CC	CORNER CONCRETE
1017	1929652.33	6561293.18	FP	FENCE POST
1018	1929603.71	6561179.05	FP	FENCE POST
1020	1929573.73	6561179.05	FP	FENCE POST
1022	1929614.07	6561368.50	CC	CORNER CONCRETE
1023	1929610.83	6561375.34	CC	CORNER CONCRETE
1025	1929570.24	6561368.53	CC	CORNER CONCRETE
1026	1929548.07	6561368.54	CC	CORNER CONCRETE
1027	1929548.07	6561363.54	CC	CORNER CONCRETE
1028	1929523.05	6561368.55	CC	CORNER CONCRETE
1029	1929518.05	6561368.56	CC	CORNER CONCRETE
1030	1929508.68	6561368.56	CC	CORNER CONCRETE
1031	1929501.25	6561364.42	CC	CORNER CONCRETE
1032	1929501.24	6561336.41	CC	CORNER CONCRETE
1033	1929474.08	6561459.40	FP	FENCE POST
1034	1929490.30	6561387.97	CC	CORNER CONCRETE
1035	1929488.67	6561389.62	CC	CORNER CONCRETE
1036	1929488.65	6561430.93	CC	CORNER CONCRETE
1037	1929459.93	6561459.38	FP	FENCE POST
1038	1929398.44	6561433.83	CC	CORNER CONCRETE
1039	1929397.02	6561429.83	CC	CORNER CONCRETE
1040	1929401.55	6561420.36	CC	CORNER CONCRETE
1041	1929406.00	6561419.16	CC	CORNER CONCRETE
1042	1929411.60	6561407.43	CC	CORNER CONCRETE
1043	1929418.82	6561410.87	CC	CORNER CONCRETE
1044	1929413.22	6561422.60	CC	CORNER CONCRETE
1045	1929416.77	6561426.77	CC	CORNER CONCRETE
1046	1929423.33	6561413.02	CC	CORNER CONCRETE
1047	1929575.01	6561229.74	CC	CORNER CONCRETE
1048	1929575.00	6561206.86	CC	CORNER CONCRETE
1049	1929579.99	6561201.86	CC	CORNER CONCRETE
1050	1929586.76	6561201.85	CC	CORNER CONCRETE
1051	1929591.77	6561206.85	CC	CORNER CONCRETE
1052	1929591.78	6561229.73	CC	CORNER CONCRETE
1053	1929586.78	6561234.74	CC	CORNER CONCRETE
1057	1929595.81	6561387.31	CC	CORNER CONCRETE
1059	1929600.30	6561400.35	CC	CORNER CONCRETE
1060	1929592.20	6561417.99	CC	CORNER CONCRETE
1061	1929587.27	6561417.99	CC	CORNER CONCRETE

POINT	NORTHING	EASTING	ABV	DESCRIPTION
1062	1929587.26	6561407.04	CC	CORNER CONCRETE
1065	1929583.25	6561390.41	FP	FENCE POST
1067	1929582.11	6561406.96	CC	CORNER CONCRETE
1068	1929589.87	6561429.44	CC	CORNER CONCRETE
1069	1929683.28	6561426.51	FP	FENCE POST
1070	1929682.12	6561435.06	CC	CORNER CONCRETE
1071	1929683.29	6561443.40	FP	FENCE POST
1072	1929576.95	6561457.19	FP	FENCE POST
1073	1929689.89	6561317.53	FP	FENCE POST
1074	1929663.64	6561317.54	FP	FENCE POST
1075	1929618.39	6561330.21	CC	CORNER CONCRETE
1076	1929618.39	6561336.21	CC	CORNER CONCRETE
1078	1929611.18	6561377.91	TD	TRENCH DRAIN
1079	1929607.90	6561378.10	TD	TRENCH DRAIN
1086	1929493.39	6561459.33	CC	CORNER CONCRETE
1087	1929451.92	6561476.17	FP	FENCE POST
1088	1929382.02	6561380.02	CC	CORNER CONCRETE
1089	1929420.39	6561398.35	CC	CORNER CONCRETE
1093	1929467.91	6561432.93	SC	SHADE COLUMN
1094	1929415.84	6561440.59	SC	SHADE COLUMN
1096	1929624.54	6561323.51	CC	CORNER CONCRETE
1097	1929491.64	6561323.58	CC	CORNER CONCRETE
1103	1929499.13	6561031.27	CC	CORNER CONCRETE
1104	1929586.77	6561206.85	RP	CORNER CONCRETE
1105	1929580.00	6561206.86	RP	CORNER CONCRETE
1106	1929580.01	6561229.74	RP	CORNER CONCRETE
1107	1929586.78	6561229.74	RP	CORNER CONCRETE
1108	1929467.84	6561459.93	CC	CORNER CONCRETE
1109	1929467.86	6561465.05	CC	CORNER CONCRETE
1110	1929451.27	6561476.43	CC	CORNER CONCRETE

**HORIZONTAL CONTROL LEGEND:**

- 1000 LCP LAYOUT COORDINATE POINT
- 100 SLP SITE LAYOUT POINT
- 200 BLP BUILDING LAYOUT POINT
- 1000 CC CORNER OF CONCRETE
- 1000 RP RADIUS POINT
- 1000 FP FENCE POST
- 1000 SC SHADE COLUMN

**GENERAL HORIZONTAL CONTROL NOTES:**

1. ALIGNMENT OF THE SITE LAYOUT GRID IS BASED ON AN ASSUMED COORDINATE SYSTEM.
2. SITE LAYOUT POINT 100 IS A CHISELED 'X' IN CONCRETE SHOWN AS THE POINT N 1929583.39 E 6561174.80 IS LOCATED ON THE EAST SIDE OF THE SIDEWALK IN THE CORRIDOR, DIRECTLY BETWEEN BUILDING WING 1 AND WING 0.
3. SITE LAYOUT POINT 101 IS A CHISELED 'X' IN CONCRETE SHOWN AS THE POINT N 1929489.00 E 6561329.45 IS LOCATED IN THE SIDEWALK APPROXIMATELY 7 FEET EAST OF THE NORTHEAST CORNER OF WING 2.
4. SITE LAYOUT POINT 102 IS CHISELED 'X' IN CONCRETE SHOWN AS THE POINT N 1929526.88 E 6561456.67 IS LOCATED IN THE MPR MAINTENANCE YARD SIDEWALK EAST OF THE MPR BUILDING AND APPROXIMATELY 8 FEET SOUTH OF THE VALLEY GUTTER.
5. DIMENSIONS AND POINTS ARE TO CENTER OF FENCE POST'S FACE OF BUILDING, TOP OF CURB, OR EDGE OF CONCRETE, UNLESS SHOWN OTHERWISE.

**General Notes**

**Blair, Church & Flynn**  
 Consulting Engineers  
 451 Clovis Avenue,  
 Suite 200  
 Clovis, California 93612  
 Tel (559) 326-1400  
 Fax (559) 326-1500

**Consultant**

Margaret Sheehy Elementary School  
 Modernization Increment 2  
 Merced City School District  
 Merced, CA

**Project**

**HORIZONTAL CONTROL PLAN**

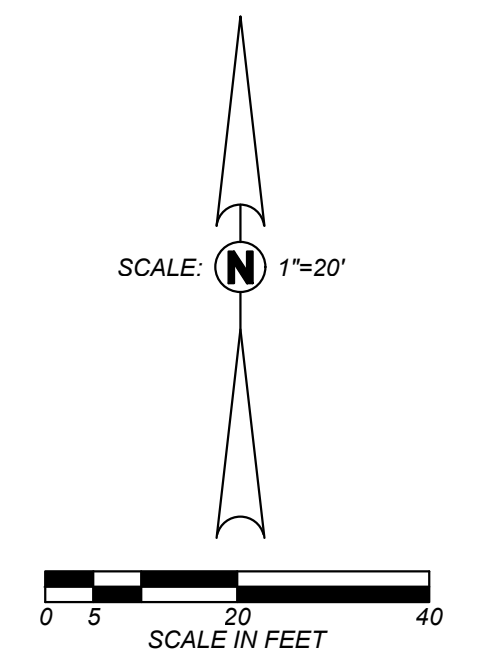
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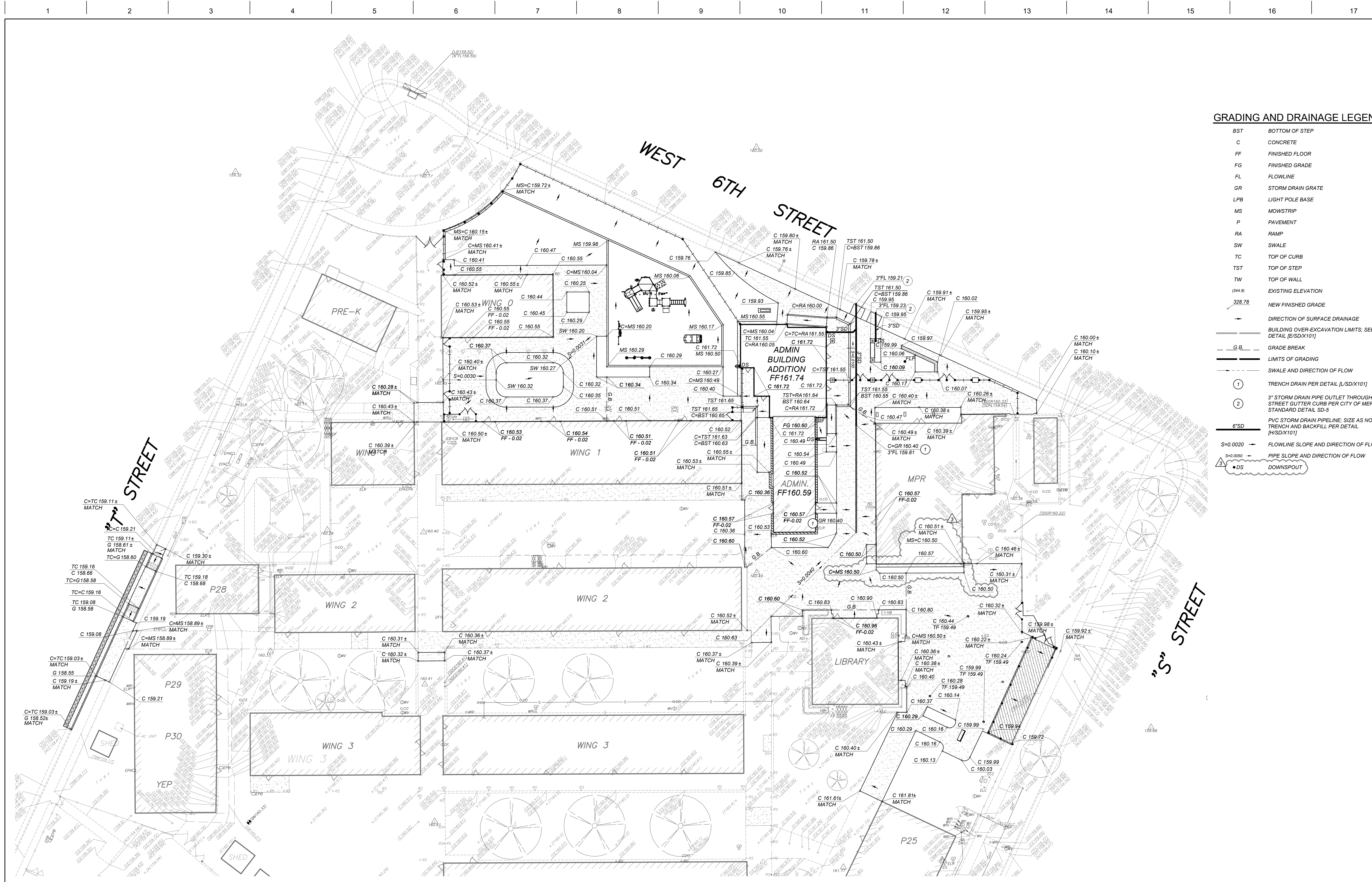
**Architect**

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2	Bidding Addendum 2	05/04/23
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DSA BACKCHECK		Revision
Designed By:	ZDH	Copyright 2023 Darden Architects
Scale:	1" = 20'	Drawn By: TJ
Project Number:	1852	Checked By: JC
Date:	04/10/2023	Reviewed By: JDB
		SD/ C401
		Sheet: _____ of: _____







**GRADING AND DRAINAGE LEGEND:**

- BST BOTTOM OF STEP
- C CONCRETE
- FF FINISHED FLOOR
- FG FINISHED GRADE
- FL FLOWLINE
- GR STORM DRAIN GRADE
- LPB LIGHT POLE BASE
- MS MOWSTRIP
- P PAVEMENT
- RA RAMP
- SW SWALE
- TC TOP OF CURB
- TST TOP OF STEP
- TW TOP OF TRENCH
- (04) EXISTING ELEVATION
- 328.78 NEW FINISHED GRADE
- DIRECTION OF SURFACE DRAINAGE
- BUILDING OVER-EXCAVATION LIMITS. SEE DETAIL (SD/1011)
- G.B. GRADE BREAK
- LIMITS OF GRADING
- SWALE AND DIRECTION OF FLOW
- (1) TRENCH DRAIN PER DETAIL (L/SD/1011)
- (2) 3" STORM DRAIN PIPE OUTLET THROUGH STREET GUTTER CURB PER CITY OF MERCED STANDARD DETAIL SD-5
- 6" SD PVC STORM DRAIN PIPELINE. SIZE AS NOTED. TRENCH AND BACKFILL PER DETAIL (H/SD/1011)
- S=0.0020 FLOWLINE SLOPE AND DIRECTION OF FLOW
- S=0.0050 PIPE SLOPE AND DIRECTION OF FLOW
- DS DOWNSPOUT

DSA File No.: 24-35  
 DSA Application No.: 02-120298  
 APPROVED (BY THE COUNTY ARCHITECT) APP: 02-120298 INC. 2 REVIEWED FOR SS #2 PL #SD ACS #03 DATE: 07/30/2023  
 Agency Approval

**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 STALLS 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 CONDITION(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 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 HOLES DISCOVER ANY DISCREPANCIES, CONTACT THE ENGINEER AND OBTAIN WRITTEN DIRECTION BEFORE PROCEEDING.
  - ADJUST UTILITY LIDS WITHIN NEW CONSTRUCTION AREA TO FINISHED GRADE PER DETAIL (P/SD/1011). REPLACE ALL BROKEN LIDS WITH NEW, PROVIDE TRAFFIC RATED LIDS WITHIN VEHICLE LOADING AREAS.
  - WATER TEST PAVEMENT WITHIN NEW IMPROVEMENT AREA. REPLACE PAVEMENT WHERE BIRD BATHS OCCUR AFTER TEST AS DIRECTED BY THE INSPECTOR OR ENGINEER.
  - MINIMUM SLOPE ON IMPERVIOUS SURFACES PERPENDICULAR TO ADJACENT STRUCTURES, WITHIN ADA PATH, SHALL BE 5% MINIMUM AND 2% MAXIMUM, WHERE DOOR AND GATE LANDINGS OCCUR THE CROSS SLOPE SHALL BE 2% MAXIMUM IN ALL DIRECTIONS.

**SITE BENCHMARK:**  
 CHISELED "X" IN ASPHALT APPROXIMATELY 20' SOUTH OF SOUTHWEST CORNER OF WING 3  
 ELEV = 160.33 NAVD88 DATUM

**FLOOD HAZARD ZONE INFORMATION:**

- FLOOD ZONE DESIGNATION: ZONE AO
- FIRM PANEL DESIGNATION: MAP # 06047C0420G
- FIRM EFFECTIVE DATE: DECEMBER 02, 2008
- DESIGN FLOOD ELEVATION (DFE): 159.63 + 1 FOOT
- BASE FLOOD ELEVATION (BFE): DFE + 1 FOOT

**STORMWATER POLLUTION PREVENTION PLAN (SWPPP):**  
 NPDES NOI DATE: N/A  
 PROJECT SIZE: 28,500 SF (0.65 ACRES)  
 General Notes

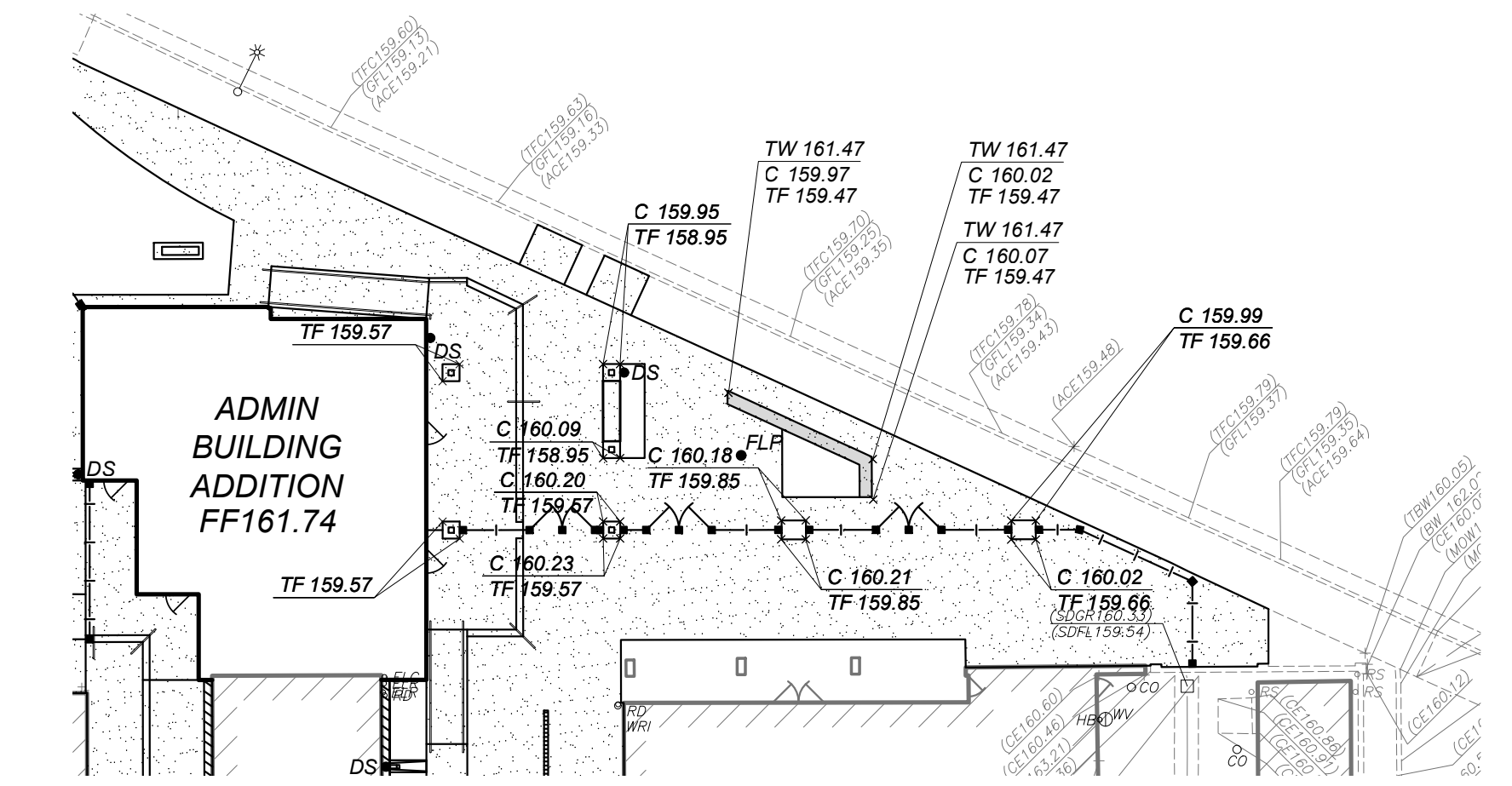
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 461 Clovis Avenue, Suite 200  
 Clovis, California 93612  
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 CONSULTING ENGINEERS  
 Consultant  
 3/10/2023 Date signed: [Signature]

**Margaret Sheehy Elementary School Modernization Increment 2**  
 Merced City School District  
 Merced, CA  
 Project

**GRADING & DRAINAGE PLAN**  
 Drawing  
**arden architects** ARCHITECTURE PLANNING INTERIORS  
 www.ardenarchitects.com  
 6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051  
 Architect

No.	Revision/Submission	Date
2	Bidding Addendum 2	05/04/23
3	Addendum 3	05/11/23

DSA BACKCHECK  
 Design By: ZDH  
 Drawn By: TJ  
 Project Number: 1852  
 Date: 04/10/2023  
 Checked By: JF  
 Reviewed By: JDB  
 Revision  
 Copyright 2023 Darden Architects  
 SD/ C501  
 Sheet: \_\_\_\_\_ of: \_\_\_\_\_



**A COLUMN, FENCE PILASTER, AND SEATWALL FOUNDATION GRADING**  
 SCALE: 1"=20'

