

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):

Describe Concerns At This Location: _____

For Official Use Only:

Project #: _____ Date Received: _____ Date Field Inspected: _____

Field Inspection Results: _____

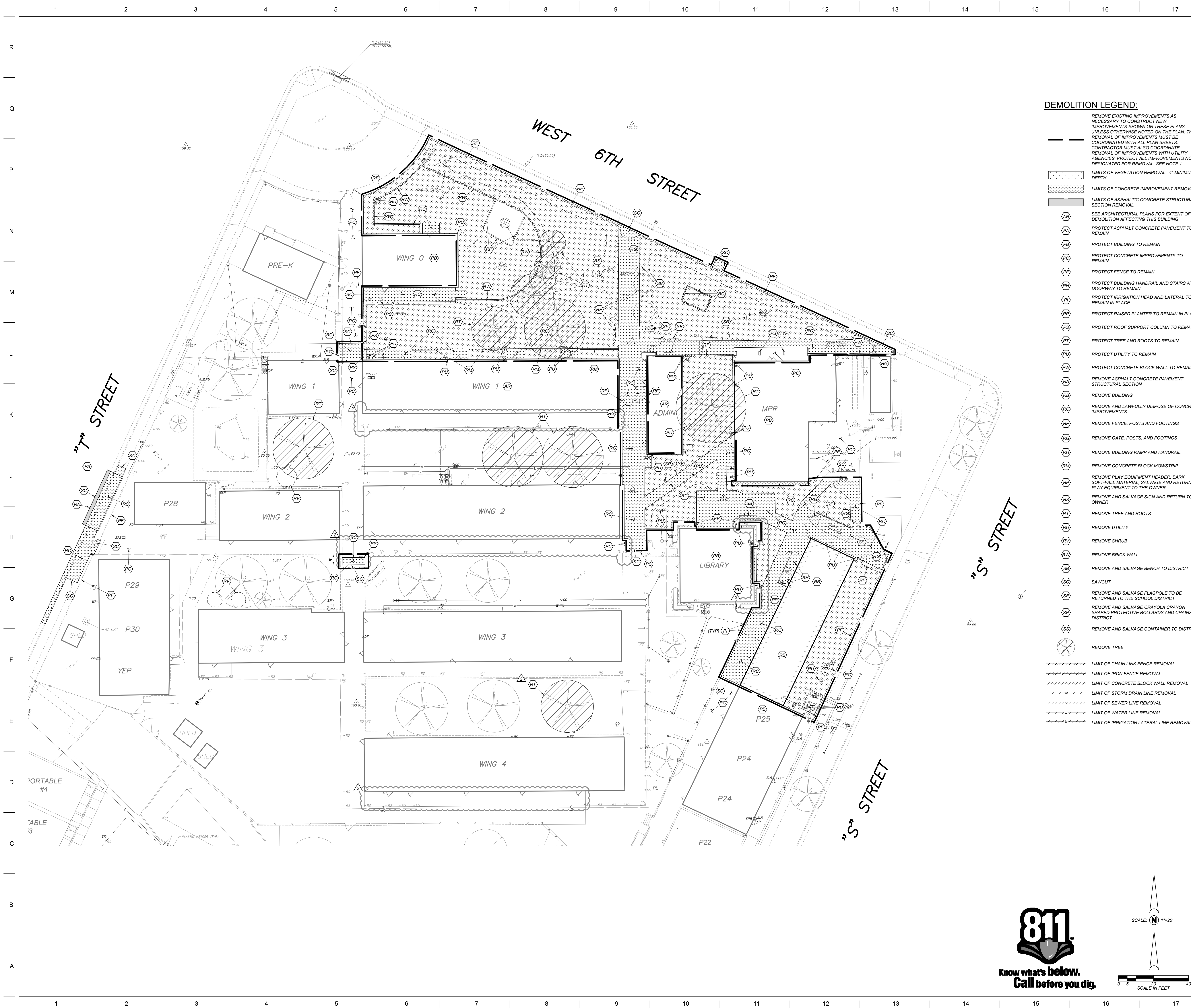
Date Response To Contact Person: _____

Resolution of Concern: _____

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 CONCRETE IMPROVEMENT REMOVAL
 - 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 CRAYON 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

APPROVED
DIV. OF THE STATE HIGHWAY
APP. 02-120298 INC. 2
REVIEWED FOR
SSD FLSD ACSID
DATE 07/03/2023

DSA Application No.:
02-120298

Agency Approval

GENERAL DEMOLITION NOTES:

- 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.
- CONTRACTOR SHALL LEGALLY DISPOSE OF ALL DEMOLISHED MATERIALS OFF SITE.
- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITY IMPROVEMENTS NOT SPECIFICALLY DESIGNATED FOR REMOVAL.
- THE ON-SITE UNDERGROUND UTILITIES SHOWN ON THIS SHEET ARE AT APPROXIMATE LOCATIONS. THE EXTENT, LOCATIONS AND SIZES ARE UNKNOWN. THE CONTRACTOR SHALL POthOLE TO LOCATE AND VERIFY THE UNDERGROUND UTILITY LINES PRIOR TO REMOVAL.
- 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.
- ALL HAZARDOUS MATERIALS ENCOUNTERED DURING SITE DEMOLITION SHALL BE REMEDIATED AND DISPOSED OF PER STATE AND EPA REQUIREMENTS.
- CONTRACTOR SHALL CONTACT AND COORDINATE WITH ALL UTILITY AGENCIES PRIOR TO THE START OF ANY DEMOLITION OR CONSTRUCTION.
- 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.
- 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.
- REFER TO MECHANICAL, ELECTRICAL, PLUMBING, IRRIGATION, AND ARCHITECTURAL PLANS FOR ADDITIONAL DEMOLITION AND COORDINATION.
- COMPLIANCE WITH FIRE SAFETY DURING CONSTRUCTION WILL BE ENFORCED.

General Notes

Blair, Church & Flynn
CONSULTING ENGINEERS

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451 Clovis Avenue,
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Fax (559) 326-1500

PROFESSIONAL
SEAL
D. J. BLAIR
CIVIL
STATE OF CALIFORNIA
No. 57216 - 4
3/10/2023
Date Signed

Consultant

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

Project

DEMOLITION PLAN

Drawing

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architects

ARCHITECTURE
PLANNING
INTERIORS
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Architect

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	SD/ C201
Date: 04/10/2023	Reviewed By: JDB	Sheet: _____ of: _____

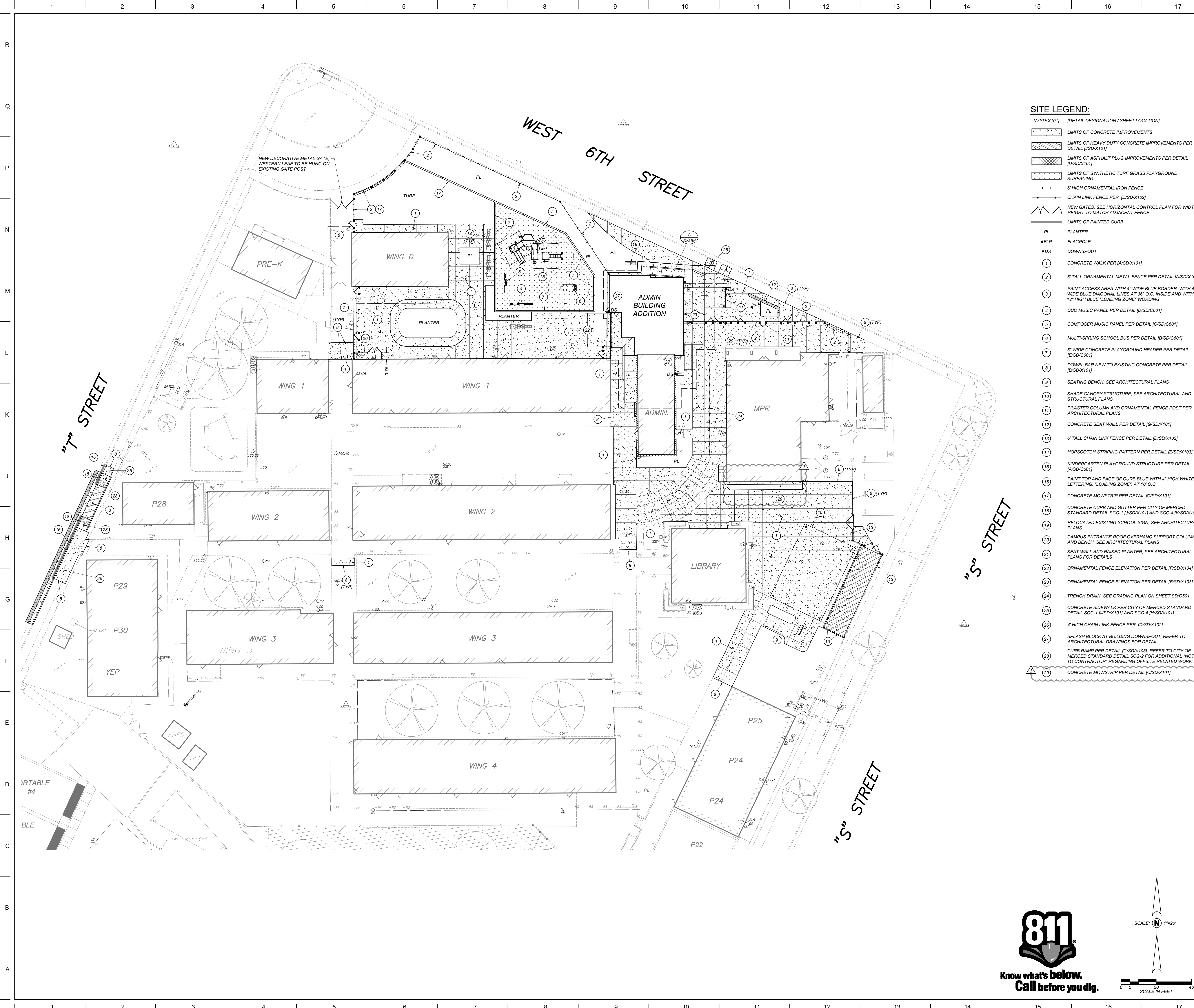
811

Know what's below.
Call before you dig.

SCALE: 1"=20'

0 5 20 40
SCALE IN FEET

AD2-CX02



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]
- 9 SEATING BENCH. SEE ARCHITECTURAL PLANS
- 10 SHADE CANOPY STRUCTURE. SEE ARCHITECTURAL AND STRUCTURAL PLANS
- 11 PILASTER 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:

- 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].
- INSTALL DOWELED CONNECTION AT JOINT OF NEW CONCRETE TO EXISTING CONCRETE PER DETAIL [B/SD/X101].
- 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.
- REPAIR ALL DAMAGED AND/OR OFF-GRADE CONCRETE STREET IMPROVEMENTS AS DETERMINED BY THE AGENCY HAVING JURISDICTION PRIOR TO OCCUPANCY
- NO PAVEMENT STRIPING IS ALLOWED PRIOR TO SEAL COAT REVIEW BY ENGINEER, AND WRITTEN APPROVAL TO PROCEED BY ENGINEER.
- OBTAIN ALL REQUIRED PERMITS AND APPROVALS FROM AGENCY HAVING JURISDICTION FOR WORK WITHIN THE PUBLIC RIGHT OF WAY

STREET WORK PERMIT:

- 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.
- CONTRACTOR SHALL PAY ALL FEES ASSOCIATED WITH ACQUIRING THE STREET WORK PERMIT FROM THE CITY OF MERCED
- CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL, DELINEATORS, TEMPORARY 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

DSA File No.:
24-35

DSA Application No.:
02-120298



Agency Approval

Blair, Church & Flynn
CONSULTING ENGINEERS

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Consultant

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

Project

SITE PLAN

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Architect

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DSA BACKCHECK

Revision

Designed By: ZDH
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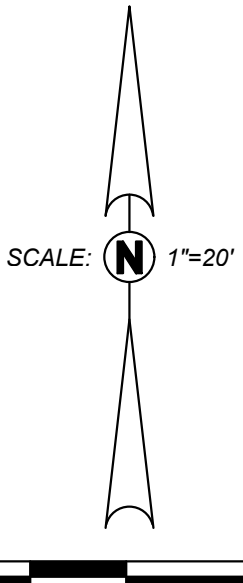
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Drawn By: TJ

Project Number: 1852
Checked By: JC

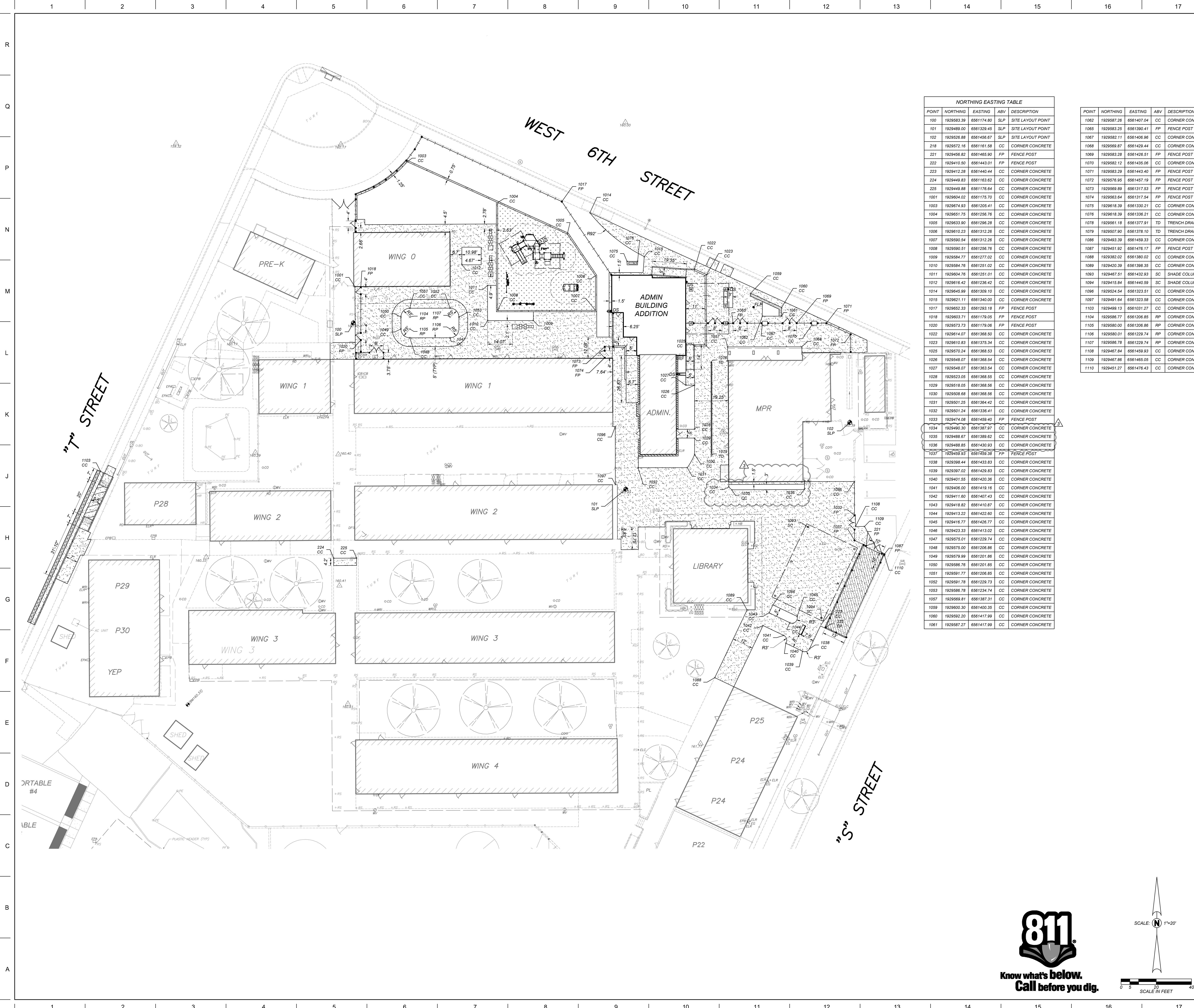
Date: 04/10/2023
Reviewed By: JDB

SD/ C301

Sheet: _____ of: _____



AD3-CX01



NORTHING EASTING TABLE			
POINT	NORTHING	EASTING	ABV
100	1929583.39	6561174.80	SLP
101	1929489.00	6561329.45	SLP
102	1929526.88	6561456.67	SLP
218	1929572.16	6561161.58	CC
221	1929455.82	6561453.90	FP
222	1929410.50	6561443.01	FP
223	1929412.28	6561440.44	CC
224	1929449.83	6561163.62	CC
225	1929449.88	6561176.64	CC
1001	1929604.02	6561175.70	CC
1003	1929674.93	6561205.41	CC
1004	1929651.75	6561256.76	CC
1005	1929633.90	6561296.28	CC
1006	1929610.23	6561312.26	CC
1007	1929590.54	6561312.26	CC
1008	1929590.51	6561256.76	CC
1009	1929584.77	6561277.02	CC
1010	1929584.76	6561251.02	CC
1011	1929604.76	6561251.01	CC
1012	1929616.42	6561236.42	CC
1014	1929645.99	6561309.10	CC
1015	1929621.11	6561340.00	CC
1017	1929652.33	6561293.18	FP
1018	1929603.71	6561179.05	FP
1019	1929573.73	6561179.05	FP
1020	1929573.73	6561179.05	FP
1022	1929614.07	6561368.50	CC
1023	1929610.83	6561375.34	CC
1025	1929570.24	6561368.53	CC
1026	1929548.07	6561368.54	CC
1027	1929548.07	6561363.54	CC
1028	1929523.05	6561368.55	CC
1029	1929518.05	6561368.56	CC
1030	1929508.68	6561368.56	CC
1031	1929501.25	6561364.42	CC
1032	1929501.24	6561336.41	CC
1033	1929474.08	6561459.40	FP
1034	1929490.30	6561387.97	CC
1035	1929488.67	6561389.62	CC
1036	1929488.65	6561430.93	CC
1037	1929459.93	6561459.38	FP
1038	1929398.44	6561433.83	CC
1039	1929397.02	6561429.83	CC
1040	1929401.55	6561420.36	CC
1041	1929406.00	6561419.16	CC
1042	1929411.60	6561407.43	CC
1043	1929418.82	6561410.87	CC
1044	1929413.22	6561422.60	CC
1045	1929416.77	6561426.77	CC
1046	1929423.33	6561413.02	CC
1047	1929575.01	6561229.74	CC
1048	1929575.00	6561206.86	CC
1049	1929579.99	6561201.86	CC
1050	1929586.76	6561201.85	CC
1051	1929591.77	6561206.85	CC
1052	1929591.78	6561229.73	CC
1053	1929586.78	6561234.74	CC
1057	1929569.81	6561387.31	CC
1059	1929600.30	6561400.35	CC
1060	1929592.20	6561417.99	CC
1061	1929587.27	6561417.99	CC

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	1929583.28	6561426.51	FP	FENCE POST
1070	1929582.12	6561435.06	CC	CORNER CONCRETE
1071	1929583.29	6561443.40	FP	FENCE POST
1072	1929576.95	6561457.19	FP	FENCE POST
1073	1929569.89	6561317.53	FP	FENCE POST
1074	1929563.64	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	1929507.90	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	1929467.51	6561432.93	SC	SHADE COLUMN
1094	1929415.84	6561440.59	SC	SHADE COLUMN
1096	1929524.54	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:

- 100 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:

- ALIGNMENT OF THE SITE LAYOUT GRID IS BASED ON AN ASSUMED COORDINATE SYSTEM.
- 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.
- SITE LAYOUT POINT 101 IS A 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.
- 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.
- DIMENSIONS AND POINTS ARE TO CENTER OF FENCE POSTS, FACE OF BUILDINGS, TOP OF CURB, OR EDGE OF CONCRETE, UNLESS SHOWN OTHERWISE.

DSA File No.: 24-35
DSA Application No.: 02-120298



Agency Approval

Blair, Church & Flynn
CONSULTING ENGINEERS

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Date Signed

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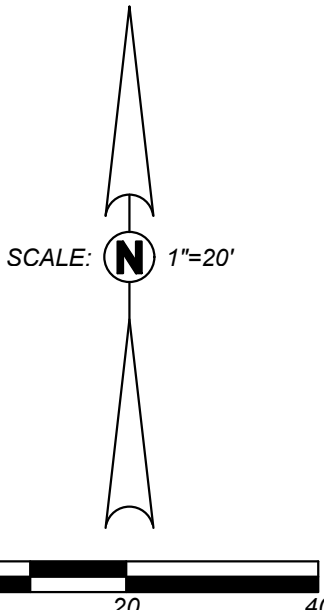
HORIZONTAL CONTROL PLAN

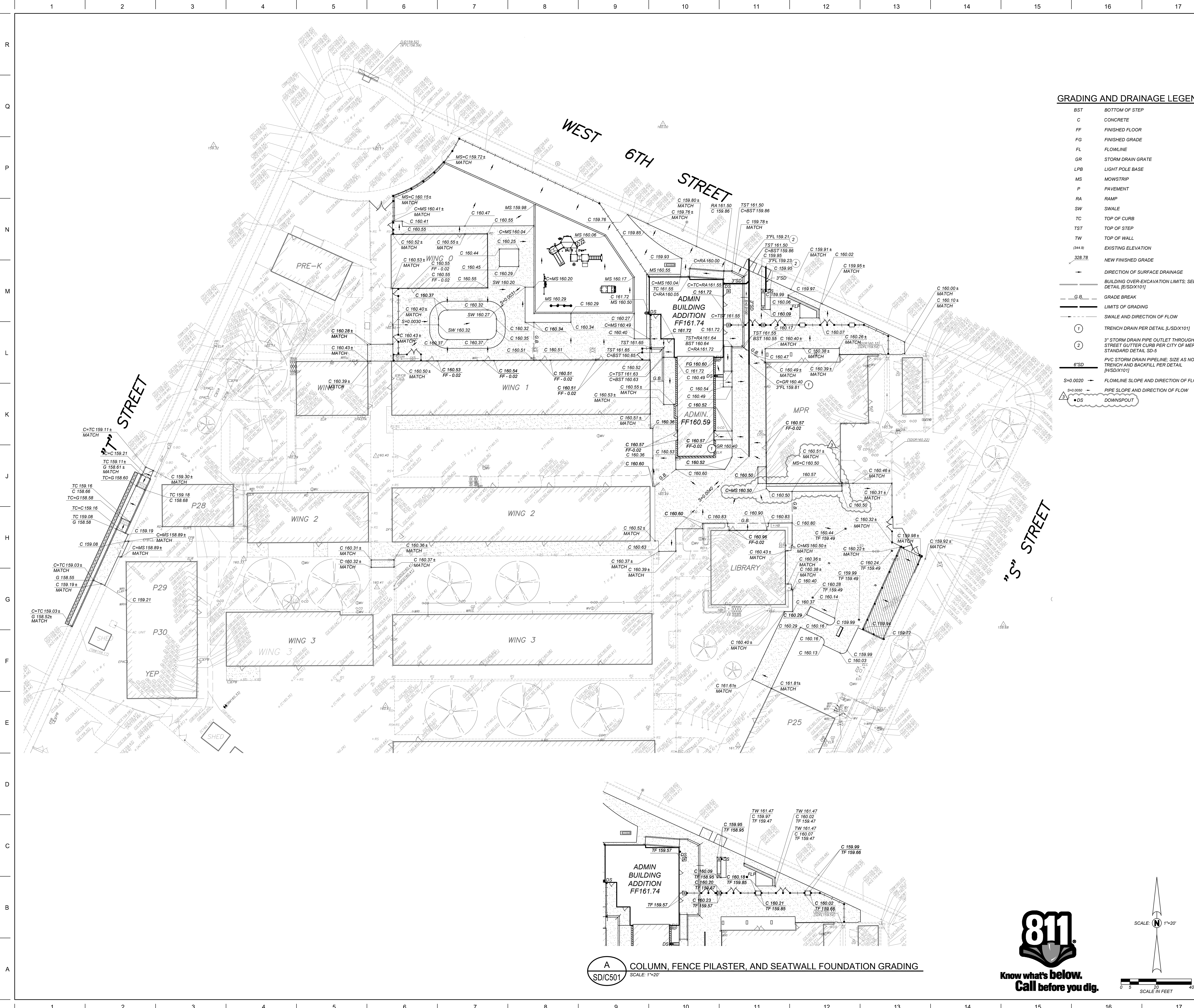
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6/30/2023
Date Signed

Revision		Revision	
No.	Revision/Submission	Date	
2	Bidding Addendum 2	05/04/23	
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Revision		Revision	
Designed By: ZDH		Copyright 2023 Darden Architects	
Scale: 1" = 20'		Drawn By: TJ	
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Date: 04/10/2023		Reviewed By: JDB	
		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
- TF TOP OF STEP
- TW TOP OF WALL
- (04.9) EXISTING ELEVATION
- 328.78 NEW FINISHED GRADE
- DIRECTION OF SURFACE DRAINAGE
- BUILDING OVER-EXCAVATION LIMITS. SEE DETAIL (SD/101)
- G.B. GRADE BREAK
- LIMITS OF GRADING
- SWALE AND DIRECTION OF FLOW
- TRENCH DRAIN PER DETAIL (L/SD/101)
- 3" STORM DRAIN PIPE OUTLET THROUGH STREET GUTTER CURB PER CITY OF MERCED STANDARD DETAIL SD-5
- PVC STORM DRAIN PIPELINE. SIZE AS NOTED. TRENCH AND BACKFILL PER DETAIL (H/SD/101)
- PIPE SLOPE AND DIRECTION OF FLOW
- DOWNSPOUT

DSA File No.: 24-35
DSA Application No.: 02-120298
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 (FSD/101); 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 1% 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 29' 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
WQID #: N/A
PROJECT SIZE: 28,500 SF (0.65 ACRES)

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3/10/2023
Date Signed:
Consultant

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

GRADING & DRAINAGE PLAN
Drawing

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Architect

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:	No Scale	Drawn By: TJ
Project Number:	1852	Checked By: JF
Date:	04/10/2023	Reviewed By: JDB
		Sheet: _____ of: _____

A
SD/C501
SCALE: 1"=20'

COLUMN, FENCE PILASTER, AND SEATWALL FOUNDATION GRADING

