



Business Services

Contracts Office

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Rose Ramos, Chief Business Officer

ADDENDUM NO. 1

Date: May 20, 2022

Issued by: Sacramento City Unified School District

Project: **Project #0104-416**

Elder Creek ES Playfield Renovation

This addenda shall supersede the original Information, attachments, and specifications regarding this project where it adds to, deletes from, clarifies or otherwise modifies them. All other conditions and any previous addenda shall remain unchanged.

PLAN CHANGES

AD1.01 - (Ref) Sheet C1.1: This plan sheet is updated as follows:

1. Demolition plan updated to coordinate with trees shown for demolition in the landscape drawings. 2 trees south of the existing play apparatus are now shown for removal on C1.1 to match that shown on landscape drawings.

AD1.02 - (Ref) Sheet C2.2: This plan sheet is updated as follows:

1. One (1) Drywell added beneath the play surfacing at the exercise equipment.

AD1.03 - (Ref) Sheet C2.2: This plan sheet is updated as follows

1. Additional grade elevations provided at various locations along south walking path along South fenceline.
2. Drywell added beneath the play surfacing at the exercise equipment.
3. Five (5) Drywells added beneath the play surfacing at 3 exercise equipment areas.
4. Cross section B/C2.3 added to clarify the grading at the property line.

AD1.04 - (Ref) Sheet C3.1: This plan sheet is updated as follows

1. Six (6) Drywells added beneath the play surfacing at 4 exercise equipment areas.
2. Construction note 43 has been added to reference the drywell detail per item 1 above.

AD1.05 - (Ref) Sheet C5.1: This plan sheet is updated as follows

1. Inlet erosion protection now shown at 6 new drywells per item AD1.04.

AD1.06 - (Ref) Sheet C6.4: This plan sheet is updated as follows

1. Drywell detail added, Detail 5/C6.4.

AD1.07 - (Ref) Sheet C7.2: This plan sheet is updated as follows

1. Note added to play apparatus detail as follows: *"NOTE: PLAY GROUND EQUIPMENT SHALL COMPLY WITH CBC 11B-240 AND ITS SUB-SECTIONS AS APPLICABLE & 11B-1008. GROUND SURFACE MUST COMPLY WITH 11B-1008.2.6."*

AD1.08 - (Ref) Sheet L0.0: This plan sheet is updated as follows:

1. The future proposed lunch shelter concrete pad, approximately 40' by 85', is not included in the scope of this project.

AD1.09 - (Ref) Sheet L0.1: This plan sheet is updated as follows:

1. All demolition work within the future proposed lunch shelter, approximately 40' by 85', is not included in the scope of this project.

AD1.10 - (Ref) Sheet L2.1: This plan sheet is updated as follows:

1. Provide 1" deep recessed cast lettering, 4" high letters, at (5) five locations around the track. Letters should be cast in the concrete mow curb and correspond to the locations shown on the plan around the track as follows:
START: START
1/4: 1/4 MILE – 1 LAP
1/2: 1/2 MILE – 2 LAP
3/4: 3/4 MILE – 3 LAP
1: 1 MILE – 4 LAP
2. Note: Contractor to submit letters with font type, depth, and layout for approval.

AD1.11 - (Ref) Sheet L4.2: This plan sheet is updated as follows:

1. Detail 2, The master valve and flow sensor shall be placed in concrete valve boxes, see detail #6, sheet L4.3.

AD1.12: Sheet L4.3: This plan sheet is updated as follows:

1. Detail 9, Contractor to coordinate the layout of the irrigation equipment in the irrigation equipment yard with the landscape architect prior to construction.

SPECIFICATION CHANGES

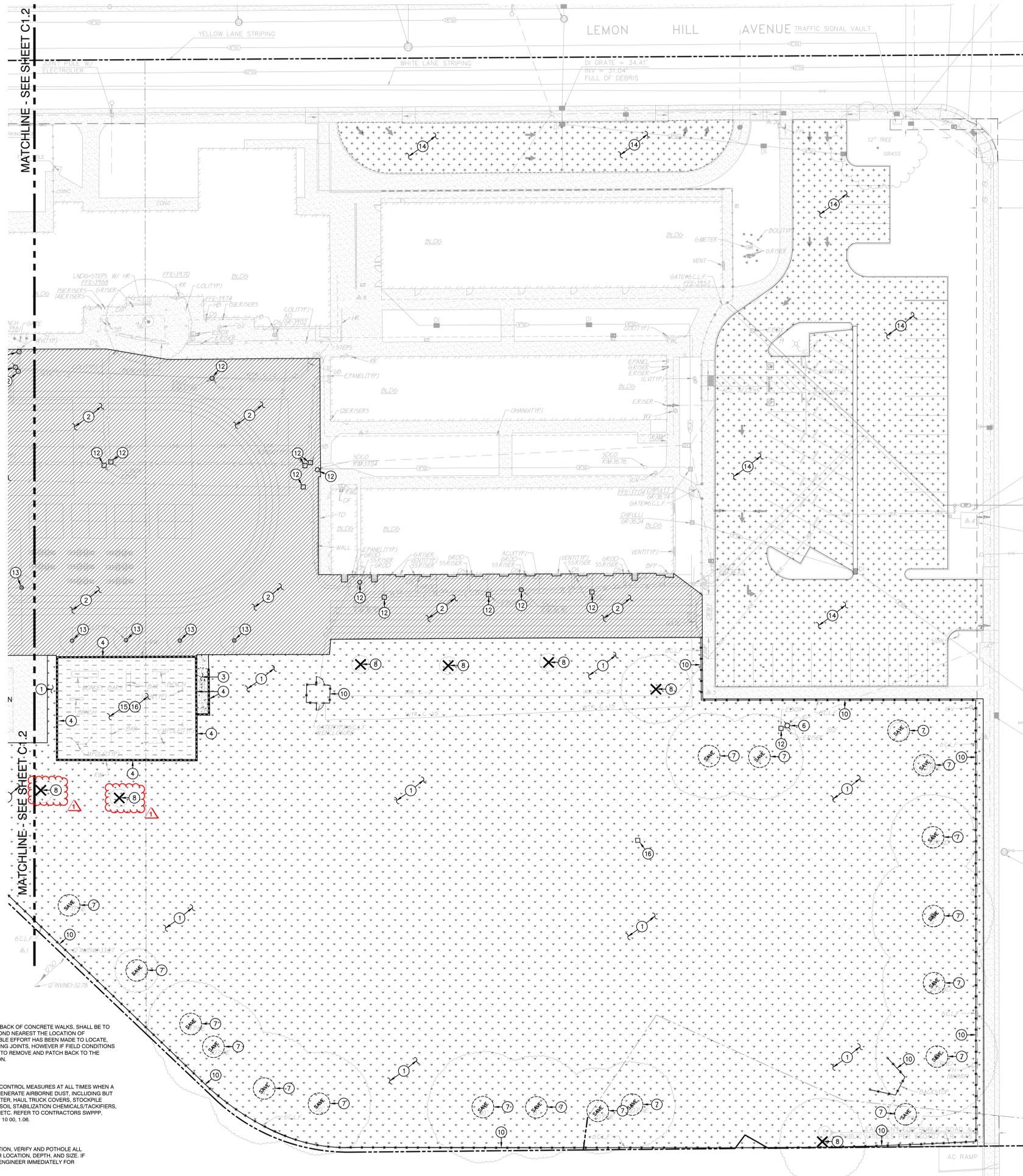
None

ATTACHMENTS

- AD1C1.1 (Revised sheet C1.1)
- AD1C2.2 (Revised sheet C2.2)
- AD1C2.3 (Revised sheet C2.3)
- AD1C3.1 (Revised sheet C3.1)
- AD1C5.1 (Revised sheet C5.1)
- AD1C6.4 (Revised sheet C6.4)
- AD1C7.2 (Revised sheet C7.2)



END OF ADDENDUM NO. 1



Concrete Sawcut Note:
SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND NEAREST THE LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS, HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.

Dust Control:
CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES AT ALL TIMES WHEN A SITE CONSTRUCTION ACTIVITY MAY GENERATE AIRBORNE DUST, INCLUDING BUT NOT LIMITED TO, APPLICATION OF WATER, HAUL TRUCK COVERS, STOCKPILE COVERS, STRAW/MULCH, APPROVED SOIL STABILIZATION CHEMICALS/LOCKERS, RETAINED VEGETATION, HYDROSEED, ETC. REFER TO CONTRACTORS SWPPP, PROJECT SPECIFICATION SECTION 31 10 00, 1.06.

Utility Verification Note:
PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

DEMOLITION GENERAL NOTES

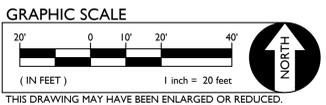
- IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
- NO BURNING OR BLASTING SHALL BE PERMITTED.
- ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
- ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
- ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
- THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN IN THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.
- THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTENT.
- EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REINSTALLED AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- CONTRACTOR SHALL COMPLY WITH CHAPTER 33 OF THE 2019 CFC, "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION" AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL HIRE A UTILITY LOCATING COMPANY AND SHALL SCAN THE ENTIRE AREA WITHIN THE LIMITS OF NEW WORK. ALL UTILITIES LOCATED SHALL BE MARKED AND PROTECTED DURING THE LIVING OPERATIONS AS WELL AS ANY EXCAVATING TASKS. ANY LOCATED UTILITY DAMAGED WITHIN THE LIMITS OF WORK WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.
- ALL DEMOLITION SHALL BE APPROPRIATELY SUPPORTED AND REINFORCED DURING REMOVAL TO PREVENT INJURY FROM FALLING, PROJECTILE, OR OTHERWISE MOVING DEBRIS OR OTHER DELETERIOUS MATERIAL. ONSITE SAFETY WITHIN THE LIMITS OF WORK IS THE CONTRACTORS SOLE RESPONSIBILITY.



SEE SHEET C1.2 FOR CAL- GREEN GENERAL NOTES AND INFO.

DEMOLITION NOTES

- NOTE: NOT ALL NOTES MAY BE USED ON THIS SHEET.
- LEGEND AND/OR DEMOLITION NOTES
- REMOVE ALL PLANTS, SHRUBS, EXISTING VEGETATION, AND IRRIGATION SYSTEMS. REFER TO EARTHWORK SPECIFICATIONS FOR ADDITIONAL SITE CLEARING REQUIREMENTS. SEE GENERAL IRRIGATION NOTE, THIS SHEET.
 - REMOVE EXISTING ASPHALT PAVING AND BASE TO ALLOW FOR NEW WORK. AC MAY BE GRINDED AND BLENDED WITH EXISTING BASE, EXCAVATED AND USED AS FILL, REFER TO EARTHWORK SPECIFICATIONS.
 - REMOVE EXISTING CONCRETE PAVING AND BASE ROCK. WHERE SAWCUTS ARE NECESSARY, THEY SHALL BE A NEAT STRAIGHT LINE. CUT SHALL BE MADE AT NEAREST EXISTING JOINT TO LOCATION SHOWN.
 - REMOVE EXISTING CONCRETE CURB, MOWBAND, APRON OR GUTTER AS SHOWN.
 - REMOVE EXISTING BASKETBALL GOAL COMPLETE WITH POST AND FOOTING.
 - EXISTING POWER POLE TO REMAIN. PROTECT FROM DAMAGE.
 - EXISTING TREE TO REMAIN AND BE PROTECTED FROM DAMAGE. PROVIDE PROTECTIVE FENCING IF NEEDED. TREES WITHIN 20 FEET OF EQUIPMENT TRAFFIC SHALL BE PROVIDED WITH TEMPORARY 2x4'S STRAPPED VERTICALLY ON TRUNK OF TREE FOR VEHICULAR IMPACT PROTECTION. 2x4'S SHALL BE SPACED WITH NO GREATER THAN A 6" GAP BUT ONLY NEED BE PLACED ON THE HALF CIRCUMFERENCE FACING EQUIPMENT TRAFFIC.
 - REMOVE EXISTING TREE AND ROOTS. IF SMALL ROOTS OR ROOT FRAGMENTS REMAIN (>1" IN DIA.), CONTRACTOR TO REMOVE BY HAND IF NECESSARY. BACKFILL VOID PER GRADING SPECIFICATIONS. IT IS HIGHLY RECOMMENDED WET AND DRY UTILITIES BE READY TO SHUTOFF SHOULD A ROOT DAMAGE A LINE DURING TREE REMOVAL. ROOTS 1/4" IN DIAMETER AND LARGER MUST BE REMOVED FROM EXCAVATED SOIL PLANNED FOR USE AS ENGINEERED FILL.
 - REMOVE EXISTING CONCRETE RAMP AND ANY STEEL RAILINGS.
 - REMOVE EXISTING CHAIN LINK FENCING AND GATES AS SHOWN. REMOVE POST TO INCLUDE CONCRETE FOOTINGS.
 - REMOVE EXISTING POST AND/OR POST HOLE, TO INCLUDE SLEEVE AND CONCRETE BASE IF PRESENT.
 - REMOVE EXISTING UTILITY BOX. PROTECT UTILITIES. PROVIDE NEW TRAFFIC RATED UTILITY BOX OF SAME SIZE AND APPROPRIATE FOR UTILITY, REFER TO SPECIFICATIONS. SET FLUSH WITH PROPOSED FINISHED GRADE.
 - REMOVE EXISTING TETHERBALL/FUNNEL BALL POLE AND FOOTING.
 - CLEAN, CRACK FILL AND PATCH EXISTING ASPHALT PAVING TO ALLOW FOR NEW SEALCOAT AND STRIPING. PAINT ALL EXISTING STRIPING BLACK WITH MINIMUM 2 COATS COMMERCIAL GRADE BLACK STRIPING PAINT.
 - REMOVE EXISTING PLAY APPARATUS FIBAR, AND ANY FILTER FABRIC, DRAIN ROCK OR SUBDRAINS FOUND.
 - DELICATELY DISASSEMBLE AND REMOVE ALL EXISTING EXERCISE EQUIPMENT. REMOVE AND SALVAGE POSTS, REMOVING CONCRETE FROM THE FOOTINGS TO ALLOW THEM TO BE RE-INSTALLED. SEE EQUIPMENT PLAN FOR RE-INSTALLATION.



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2707 K Street, Suite 201
Sacramento, CA 95816
916 369-3990

CONSULTANTS

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REVISIONS

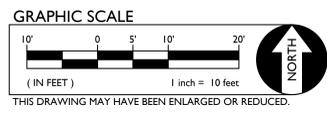
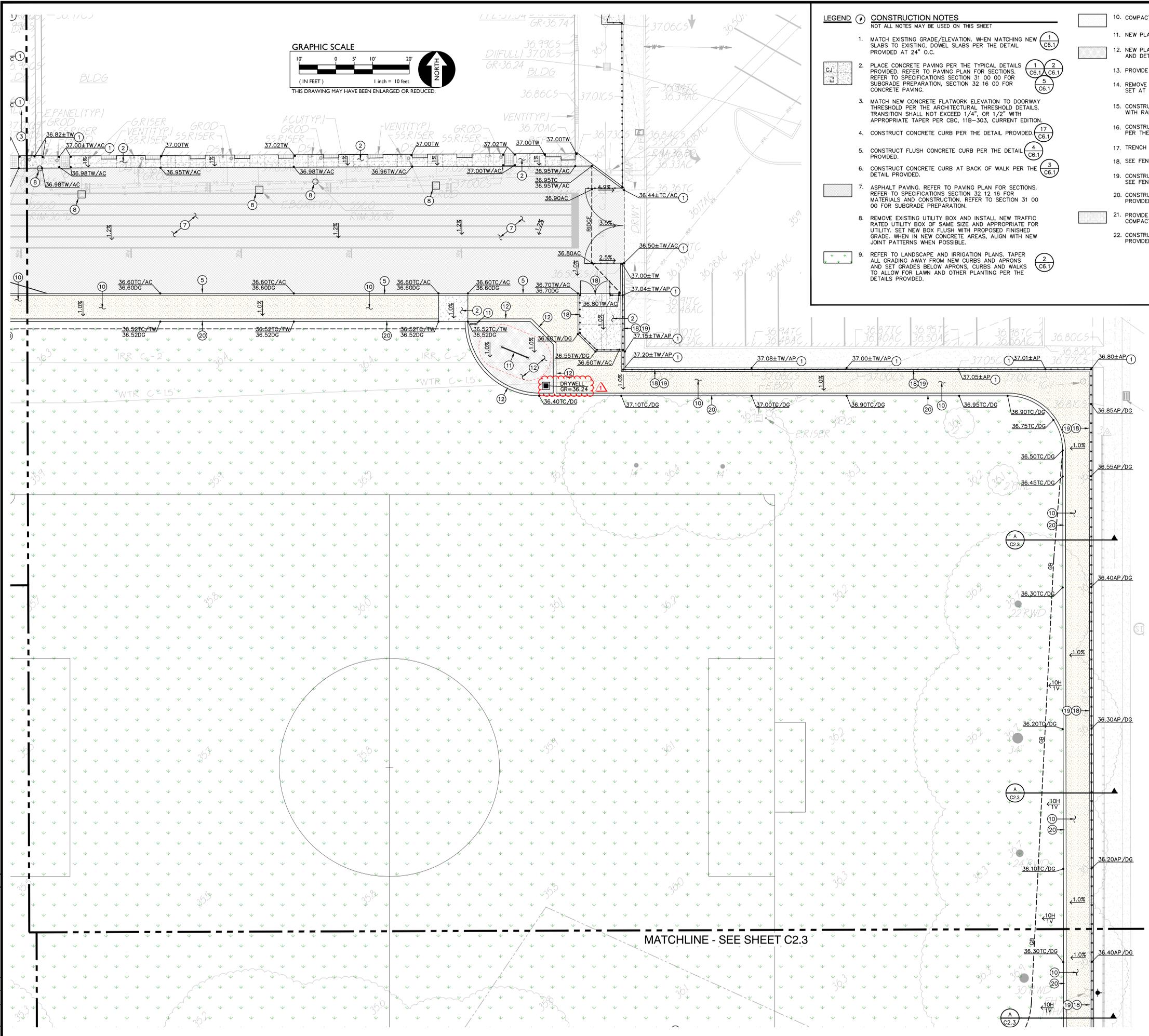
NO.	DESCRIPTION	DATE	REV'D
1	Addendum No. 1	5/19/22	

ELDER CREEK ELEMENTARY SCHOOL - PLAYFIELD RENOVATION
 SAC CITY UNIFIED SCHOOL DISTRICT
 7934 LEMON HILL AVENUE
 SACRAMENTO, CA

DATE 3/25/22
JOB NO. 22-06
SHEET TITLE

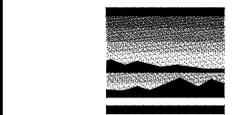
DEMOLITION PLAN

SHEET NO. **AD1C1.1**
SHEET 38 OF 38 TOTAL



- LEGEND**
- 1. MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SLABS TO EXISTING, DOWEL SLABS PER THE DETAIL PROVIDED AT 24" O.C.
 - 2. PLACE CONCRETE PAVING PER THE TYPICAL DETAILS PROVIDED. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE PREPARATION; SECTION 32 16 00 FOR CONCRETE PAVING.
 - 3. MATCH NEW CONCRETE FLATWORK ELEVATION TO DOORWAY THRESHOLD PER THE ARCHITECTURAL DETAIL. TRANSITION SHALL NOT EXCEED 1/4", OR 1/2" WITH APPROPRIATE TAPER PER CBC, 11B-303, CURRENT EDITION.
 - 4. CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED.
 - 5. CONSTRUCT FLUSH CONCRETE CURB PER THE DETAIL PROVIDED.
 - 6. CONSTRUCT CONCRETE CURB AT BACK OF WALK PER THE DETAIL PROVIDED.
 - 7. ASPHALT PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 32 12 16 FOR MATERIALS AND CONSTRUCTION, REFER TO SECTION 31 00 00 FOR SUBGRADE PREPARATION.
 - 8. REMOVE EXISTING UTILITY BOX AND INSTALL NEW TRAFFIC RATED UTILITY BOX OF SAME SIZE AND APPROPRIATE FOR UTILITY. SET NEW BOX FLUSH WITH PROPOSED FINISHED GRADE. WHEN IN NEW CONCRETE AREAS, ALIGN WITH NEW JOINT PATTERNS WHEN POSSIBLE.
 - 9. REFER TO LANDSCAPE AND IRRIGATION PLANS. TAPER ALL GRADING AWAY FROM NEW CURBS AND APRONS AND SET GRADES BELOW APRONS, CURBS AND WALKS TO ALLOW FOR LAWN AND OTHER PLANTING PER THE DETAILS PROVIDED.

- 10. COMPACTED DG, REFER TO LANDSCAPE PLANS.
- 11. NEW PLAY EQUIPMENT, SEE EQUIPMENT PLAN.
- 12. NEW PLAY SURFACING. SEE PAVING PLAN FOR SECTIONS AND DETAILS PROVIDED FOR EDGE CONDITIONS.
- 13. PROVIDE AND INSTALL PARKING BLOCKS, SEE STRIPING PLAN.
- 14. REMOVE EXISTING FRAME AND COVER AND PROVIDE NEW SET AT FINISHED GRADE PER THE DETAIL PROVIDED.
- 15. CONSTRUCT 12" WIDE CONCRETE RETAINING CURB WITH RAILING PER THE DETAIL PROVIDED.
- 16. CONSTRUCT CONCRETE STAIRS WITH RAILINGS PER THE DETAILS PROVIDED.
- 17. TRENCH DRAIN WITH ACCESSIBLE COVER, SEE DRAINAGE PLAN.
- 18. SEE FENCING PLAN FOR NEW FENCING.
- 19. CONSTRUCT 12" WIDE CONCRETE APRON AT NEW FENCING. SEE FENCING PLAN FOR FENCING.
- 20. CONSTRUCT 9" PLANTING/DG APRON PER THE DETAIL PROVIDED.
- 21. PROVIDE 4" LAYER SHREDDED WALK-ON MULCH OVER 85% COMPACTED SUBGRADE.
- 22. CONSTRUCT CONCRETE RAMP WITH RAILING PER THE DETAIL PROVIDED.



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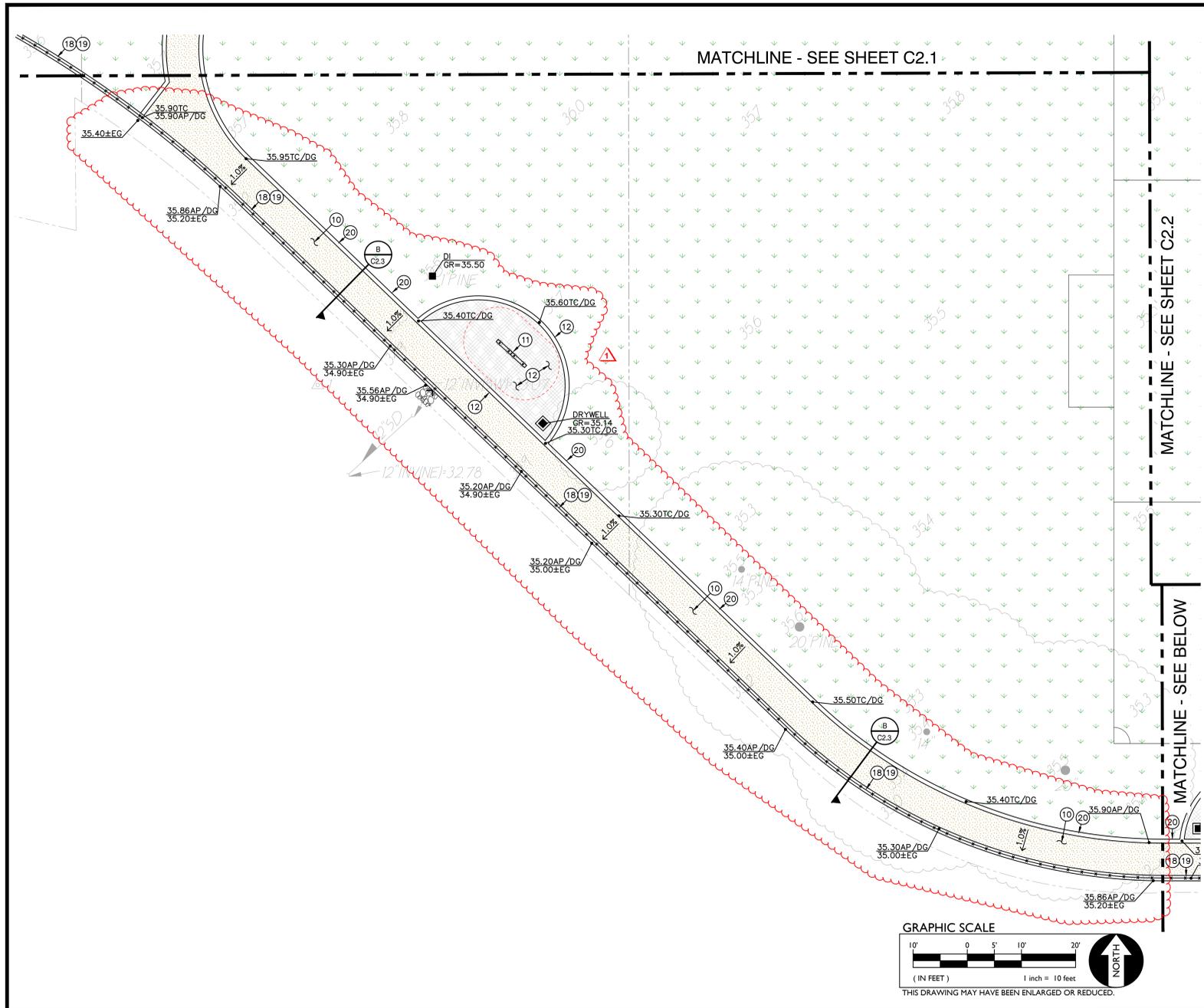
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**GRADING AND
 CONSTRUCTION
 PLAN**

SHEET NO.
AD1C2.2
 SHEET OF 38 TOTAL

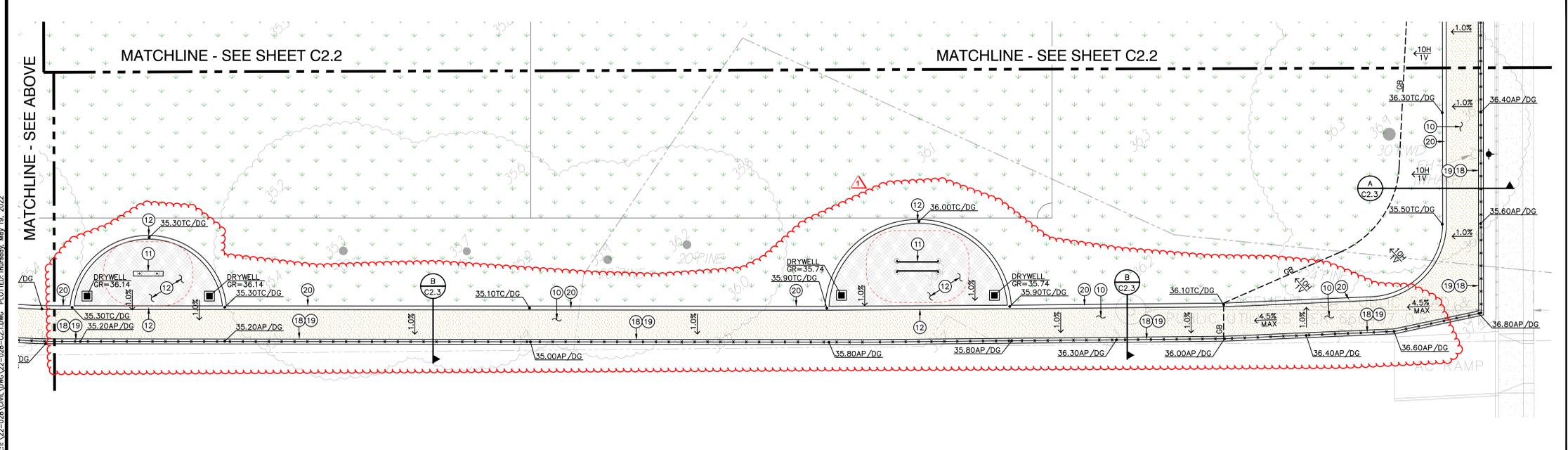
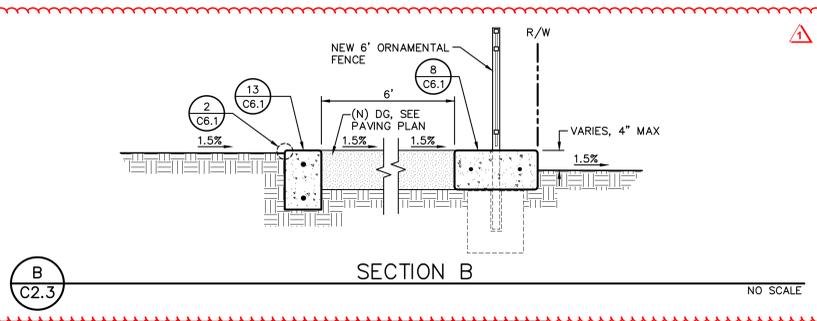
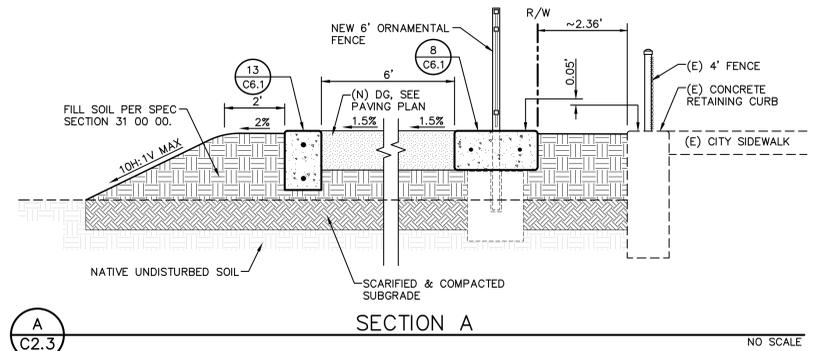


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1 GRADING AND CONSTRUCTION PLAN SCALE 1" = 10'-0"

- LEGEND**
- NOT ALL NOTES MAY BE USED ON THIS SHEET
- MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SLABS TO EXISTING, DOWEL SLABS PER THE DETAIL PROVIDED AT 24" O.C.
 - PLACE CONCRETE PAVING PER THE TYPICAL DETAILS PROVIDED. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE PREPARATION, SECTION 32 16 00 FOR CONCRETE PAVING.
 - MATCH NEW CONCRETE FLATWORK ELEVATION TO DOORWAY THRESHOLD PER THE ARCHITECTURAL THRESHOLD DETAILS. TRANSITION SHALL NOT EXCEED 1/4" OR 1/2" WITH APPROPRIATE TAPER PER CBC, 11B-303, CURRENT EDITION.
 - CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED.
 - CONSTRUCT FLUSH CONCRETE CURB PER THE DETAIL PROVIDED.
 - CONSTRUCT CONCRETE CURB AT BACK OF WALK PER THE DETAIL PROVIDED.
 - ASPHALT PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 32 12 16 FOR MATERIALS AND CONSTRUCTION. REFER TO SECTION 31 00 00 FOR SUBGRADE PREPARATION.
 - REMOVE EXISTING UTILITY BOX AND INSTALL NEW TRAFFIC RATED UTILITY BOX OF SAME SIZE AND APPROPRIATE FOR UTILITY. SET NEW BOX FLUSH WITH PROPOSED FINISHED GRADE. WHEN IN NEW CONCRETE AREAS, ALIGN WITH NEW JOINT PATTERNS WHEN POSSIBLE.
 - REFER TO LANDSCAPE AND IRRIGATION PLANS. TAPER ALL GRADING AWAY FROM NEW CURBS AND APRONS AND SET GRADES BELOW APRONS, CURBS AND WALKS TO ALLOW FOR LAWN AND OTHER PLANTING PER THE DETAILS PROVIDED.
 - COMPACTED DG. REFER TO LANDSCAPE PLANS.
 - NEW PLAY EQUIPMENT. SEE EQUIPMENT PLAN.
 - NEW PLAY SURFACING. SEE PAVING PLAN FOR SECTIONS AND DETAILS PROVIDED FOR EDGE CONDITIONS.
 - PROVIDE AND INSTALL PARKING BLOCKS. SEE STRIPING PLAN.
 - REMOVE EXISTING FRAME AND COVER AND PROVIDE NEW SET AT FINISHED GRADE PER THE DETAIL PROVIDED.
 - CONSTRUCT 12" WIDE CONCRETE RETAINING CURB WITH RAILING PER THE DETAIL PROVIDED.
 - CONSTRUCT CONCRETE STAIRS WITH RAILINGS PER THE DETAILS PROVIDED.
 - TRENCH DRAIN WITH ACCESSIBLE COVER. SEE DRAINAGE PLAN.
 - SEE FENCING PLAN FOR NEW FENCING.
 - CONSTRUCT 12" WIDE CONCRETE APRON AT NEW FENCING. SEE FENCING PLAN FOR FENCING.
 - CONSTRUCT 9" PLANTING/DG APRON PER THE DETAIL PROVIDED.
 - PROVIDE 4" LAYER SHREDDED WALK-ON MULCH OVER 85% COMPACTED SUBGRADE.



2 GRADING AND CONSTRUCTION PLAN SCALE 1" = 10'-0"



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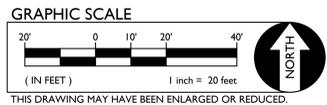
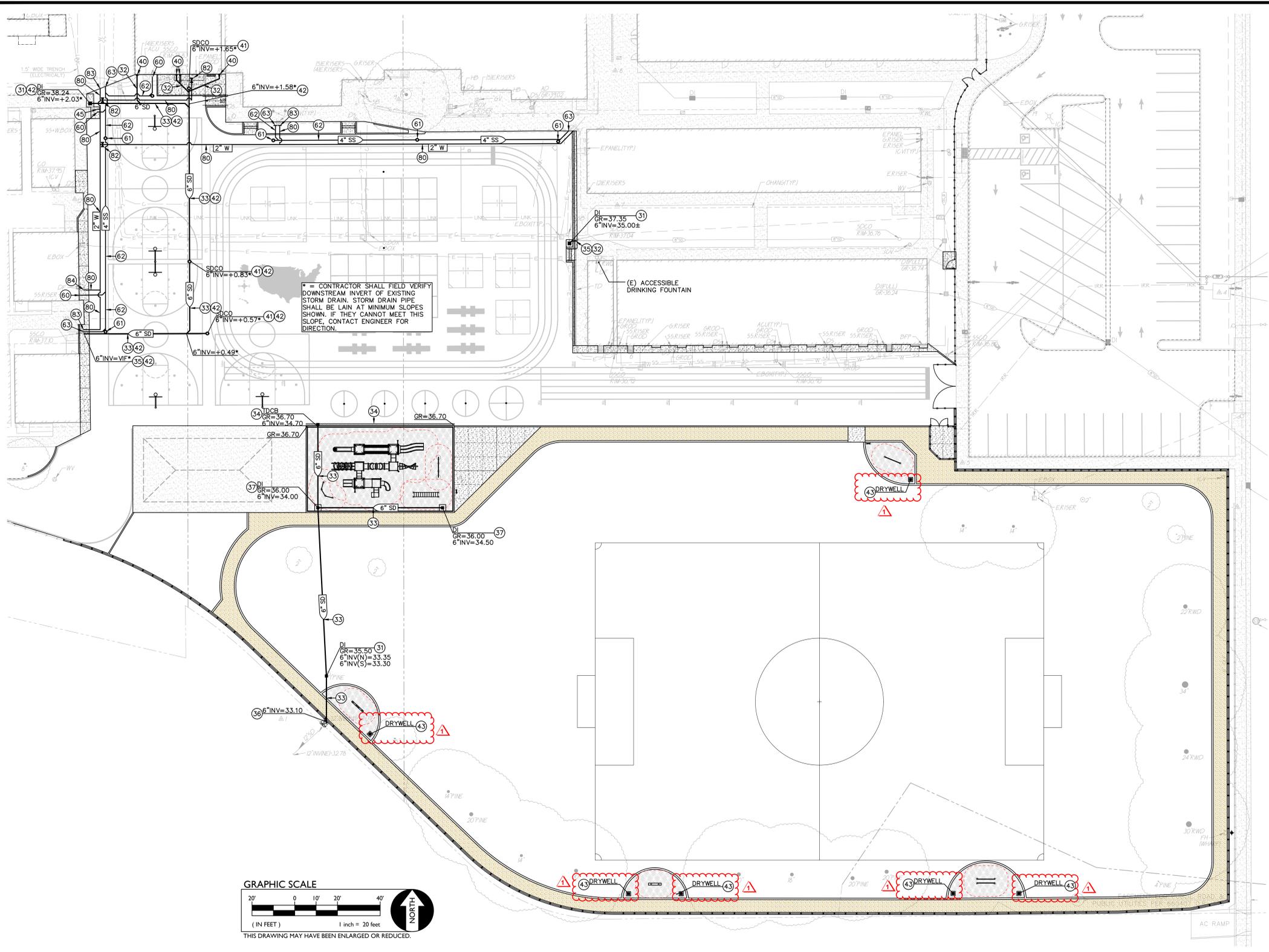
DATE 3/25/22

JOB NO. 22-06

SHEET TITLE GRADING AND CONSTRUCTION PLAN

SHEET NO. AD1C2.3

SHEET ___ OF 38 TOTAL



1 DRAINAGE AND UTILITY PLAN

SCALE 1" = 20'-0"

EXCAVATIONS NEAR FOOTINGS
 TO AVOID ANY AFFECTS ON THE STRUCTURAL INTEGRITY ON EXISTING STRUCTURES, WHEN EXCAVATING WITHIN THE ZONE BELOW A LINE BEGINNING 9" UP FROM THE BOTTOM EDGE OF FOOTINGS, AND PROJECTING OUTWARDLY DOWN AT SLOPE OF 1 UNIT VERTICAL TO 2 UNITS HORIZONTAL (2019 CBC, 1809A.14), CONTRACTOR SHALL ONLY TRENCH 10 LINEAL FEET LENGTH AT A TIME, EACH SECTION EXCAVATED AND BACKFILLED PRIOR TO THE NEXT SECTION BEING EXCAVATED. AT CONTRACTORS OPTION, APPROPRIATE BRACING OR SHORING MAY BE USED TO STABILIZE THE TRENCH. THE TYPE AND PROCESS TO BE APPROVED BY THE SITE GEOTECHNICAL ENGINEER.

UTILITY INTERRUPTIONS
 CONTRACTOR SHALL NOTIFY SCHOOL AT LEAST 72 HOURS IN ADVANCE OF SERVICE SHUT-OFFS. INTERRUPTIONS OF SERVICES SHALL BE LIMITED TO LESS THAN 24 HOURS UNLESS OTHERWISE NEGOTIATED WITH DISTRICT. INTERRUPTIONS OF LONGER DURATIONS SHALL BE PROVIDED WITH TEMPORARY SERVICE CONNECTIONS WHICH ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 UNDER NO CIRCUMSTANCES SHALL FIRE PROTECTION SYSTEMS BE INTERRUPTED OVERNIGHT WITHOUT CONTACTING THE LOCAL FIRE AUTHORITY. CONTRACTOR WILL BE RESPONSIBLE FOR ALL REQUIRED "FIRE WATCH" REQUIREMENTS AND ASSOCIATED FEES FROM LOCAL FIRE DEPARTMENT.

UTILITY VERIFICATION NOTE
 PRIOR TO THE START OF CONSTRUCTION, POT HOLE AND VERIFY ALL UTILITY POINTS OF CONNECTION TO EXISTING UTILITIES FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

BUILDING CONNECTION TYP. NOTE
 WHERE UTILITY TRENCHES CROSS THE PERIMETER BUILDING FOUNDATIONS, BACKFILL A 2 SACK LEAN MIX SAND-CEMENT SLURRY, 150PSI-200PSI (9 28 DAYS)
 COORDINATE THE LOCATION, DEPTH, AND SIZE OF THE BUILDING CONNECTIONS WITH THE PLUMBING PLANS PRIOR TO TRENCHING.

MATERIAL TRANSITION NOTE
 WHEN TRANSITIONING FROM METALLIC WATER PIPE TO PLASTIC WATER PIPE (3" AND SMALLER) THREADED COUPLERS MAY BE USED BUT FEMALE ENDS MUST BE METALLIC AND MALE ENDS MUST BE PLASTIC THIS IS TRUE FOR VALVES AND OTHER UNIONS AS WELL.

UTILITY NOTES
 NOT ALL NOTES MAY BE USED ON THIS SHEET

- 31. CONSTRUCT DRAIN INLET PER THE DETAIL PROVIDED (6) C6.2
- 32. PROVIDE AND INSTALL 4" STORM DRAIN, PVC SDR-35, SLOPE VARIES PER INVERTS, BUT S=0.015(1.5%) MIN. (2) (5) C6.2 C6.2
- 33. PROVIDE AND INSTALL 6" STORM DRAIN, PVC SDR-35, SLOPE VARIES PER INVERTS, BUT S=0.008(0.8%) MIN. (2) (5) C6.2 C6.2
- 34. CONSTRUCT TRENCH DRAIN WITH ACCESSIBLE COVER PER THE DETAIL PROVIDED. (7) C6.2
- 35. CONNECT TO EXISTING STORM DRAIN PIPE OR STRUCTURE AS SHOWN. PROVIDE ALL NECESSARY FITTINGS OR COUPLERS NEEDED TO MAKE CONNECTIONS.
- 36. CONSTRUCT OUTFALL STRUCTURE PER THE DETAIL PROVIDED. (10) C6.2
- 37. CONSTRUCT DRAIN INLET PER THE DETAIL PROVIDED, SET BELOW PLAY SURFACING. PROVIDE 12" WIDE, 6" THICK CONCRETE COLLAR. WRAP GRATING WITH STAINLESS STEEL 20 MESH FINE SCREEN (0.9mm APERTURE MAX), OR APPROVED EQUAL. (9) C6.2
- 39. CONSTRUCT AREA DRAIN PER THE DETAIL PROVIDED. (1) C6.2
- 40. CONSTRUCT DOWNSPOUT CONNECTION PER THE DETAIL PROVIDED. (4) C6.4
- 41. CONSTRUCT SEWER CLEANOUT PER THE DETAIL PROVIDED. (3) C6.4
- 42. MATCH EXISTING STORM PIPE SIZE DOWNSTREAM. ASSUMED TO BE 6" AND SHOWN 6" FOR BIDDING PURPOSES. IF DOWNSTREAM PIPE IS 4", USE 4" PIPE SIZE FOR THIS LINE.
- 43. CONSTRUCT DRYWELL BENEATH PLAY SURFACING PER THE DETAILS PROVIDED. (5) (9) C6.4 C6.2

SANITARY SEWER NOTES
 NOTE: NOT ALL OF THESE NOTES MAY BE USED ON THIS SHEET

- 60. CONNECT TO BUILDING SEWER SERVICE POINT, POT HOLE TO DEPTH SIZE AND CONDITION, PROVIDE ALL FITTINGS AND COUPLERS NEEDED TO MAKE CONNECTION.
- 61. CONSTRUCT SEWER CLEANOUT PER THE DETAIL PROVIDED. (3) C6.4
- 62. PLACE 4" SEWER LINE, PVC SDR-35, SLOPE VARIES, 1.75% MIN. (2) (5) C6.2 C6.2
- 63. CONNECT TO EXISTING SEWER LINE OR STRUCTURE AS SHOWN. POT HOLE TO VERIFY DEPTH PRIOR TO TRENCHING. PROVIDE ALL PIPE, CORING, FITTINGS/ADAPTORS AND SEALING MATERIALS AS NEEDED TO MAKE CONNECTION.

DOMESTIC WATER CONSTRUCTION NOTES

- 80. PLACE 2" PVC, SCH 80 OR APPROVED EQUAL REFER TO TRENCHING DETAIL PROVIDED. (11) C6.2
- 81. PLACE PVC, SCH 80 WATER LINE TO MATCH EXISTING LINE SIZE REMOVED IN THE SAME LOCATION, OR APPROVED EQUAL. REFER TO TRENCHING DETAIL PROVIDED. (ASSUME 2" FOR BIDDING PURPOSES) (11) C6.2
- 82. INSTALL WATER VALVE AND TRAFFIC RATED VALVE BOX PER THE DETAILS PROVIDED. (2) C6.4
- 83. CONNECT TO EXISTING WATER MAIN. POT HOLE TO VERIFY LOCATION, SIZE AND CONDITION PRIOR TO CONSTRUCTION. IF CONFLICT IS FOUND, CONTACT ARCHITECT FOR DIRECTION.
- 84. CONNECT TO BUILDING DOMESTIC WATER SERVICE POINT. PROVIDE ALL NECESSARY FITTINGS, COUPLERS, PIPE, AND ADAPTORS NECESSARY TO MAKE CONNECTION. IF CONFLICT IS FOUND, CONTACT THE ARCHITECT FOR DIRECTION.



REVISIONS

NO.	DESCRIPTION	DATE	REV'D
1	Addendum No. 1	5/19/22	

ELDER CREEK ELEMENTARY SCHOOL - PLAYFIELD RENOVATION
 SAC CITY UNIFIED SCHOOL DISTRICT
 7934 LEMON HILL AVENUE
 SACRAMENTO, CA

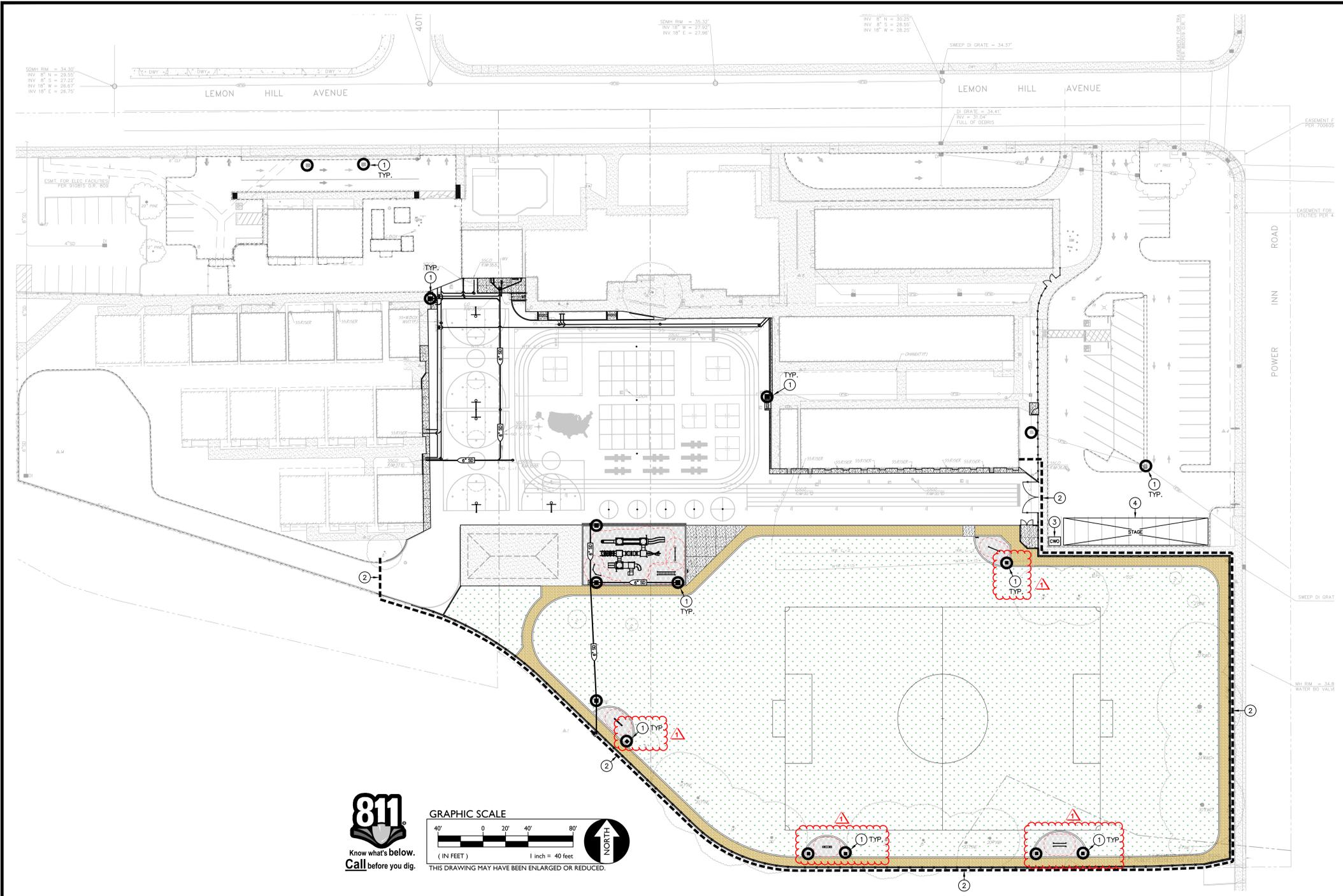
DATE 3/25/22
 JOB NO. 22-06
 SHEET TITLE

DRAINAGE AND UTILITY PLAN

SHEET NO.
AD1C3.1
 SHEET OF 38 TOTAL



FILENAME: \\22-028\CIVIL\DWG\22-028-028-C3.1.DWG # PLOTTEE: Thursday, May 19, 2022



- LEGEND**
- 1 EROSION CONTROL NOTES**
NOTE: EXACT LOCATION WILL BE DETERMINED BY CONTRACTOR'S SWPPP.
- CONTRACTOR SHALL PROVIDE INLET PROTECTION AT ALL INLETS (NEW AND/OR EXIST.) IN AREAS OF WORK. INLET PROTECTION SHALL CONSIST OF STRAW WATTLE/ROLL FILTERS WRAPPED AROUND PERIMETER OF INLET AND STAKED INTO PLACE, OR PRE-MANUFACTURED INLET FILTER BAGS, FOR INLETS WITHIN PLANTER AREAS, OR TEMPORARILY UNPAVED AREAS. USE STRAW WATTLE/ROLL FILTERS IN TEMPORARILY UNPAVED AREAS. REPLACE WITH FILTER BAGS JUST PRIOR TO PAVING OPERATIONS. FILTER BAGS ARE NOT ALLOWED IN UNPAVED AREAS. SPECIALIZED BIOFILTER BAGS MAY BE APPROVED WITH SUBMITTAL.
 - CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE AND IN AREAS REQUIRED TO ELIMINATE OR IMPEDE THE FLOW OF SEDIMENT. IN PAVED AREAS, WATTLES CAN BE PLACED OVER PAVING AND HELD IN PLACE WITH SANDBAGS AT 6' O.C. SEE CASQA SECTION SE-5 AND DETAILS PROVIDED.
 - CONTRACTOR SHALL CONSTRUCT A CONCRETE WASHOUT AS NEEDED FOR CONCRETE WASTE. WASHOUT SHALL BE AT LEAST AS PROTECTIVE AS CASQA SECTION WM-8, SEE DETAIL PROVIDED.
 - CONTRACTOR SHALL UTILIZE THIS AREA FOR PROCEDURES SUCH AS EQUIPMENT AND MATERIALS STORAGE, DEBRIS/SOLID WASTE STORAGE, VEHICLE/EQUIPMENT MAINTENANCE, FUELING AND WASHING. IF ANY OF THESE ACTIVITIES ARE TO BE DONE ELSEWHERE CONTRACTOR SHALL CLEAR NEW LOCATION WITH SITE INSPECTOR AND PROPER PROTECTIONS SHALL BE IMPLEMENTED AS NECESSARY.

CONSTRUCTION SCHEDULE

GRADING/UTILITIES
BEGIN: MAY 2022 | END: JULY 2022

PAVING/LANDSCAPING
BEGIN: JULY 2022 | END: SEPT 2022

WDID:
N/A

IF NOT SPECIFICALLY SHOWN, CONTRACTOR SHALL ADD THESE ITEMS TO THIS MAP AS THEY ARE LOCATED IN THE FIELD

- CONSTRUCTION TRAILER.
- VEHICLE/EQUIPMENT MAINTENANCE AND FUELING AREA.
- COVERED WASTE STORAGE (DUMPSTERS).
- STAGING AREA
- MATERIAL STORAGE
- SOIL STOCKPILES.
- CONCRETE WASHOUT.

PROJECT INFORMATION

PROJECT NAME:
Elder Creek Elementary School
7934 Lemon Hill Avenue, Sacramento, CA 95824

SWPPP REQUIRED: YES

RISK LEVEL: 1

EROSIVITY WAIVER POSSIBLE: YES

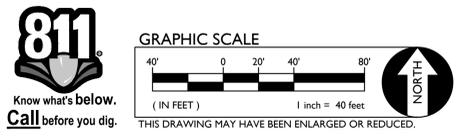
PARCEL AREA: 0.00 ACRES
ON-SITE DISTURBED AREA: 0.00 ACRES
OFF-SITE DISTURBED AREA: 0.00 ACRES
TOTAL DISTURBED AREA: 0.00 ACRES

QSD

NAME: _____
PHONE: _____

QSP

NAME: N/A
PHONE: _____



1 EROSION CONTROL PLAN

SEDIMENT AND EROSION CONTROL MEASURES ON THIS PLAN ARE MINIMUM BMP'S RECOMMENDED FOR COMPLIANCE. CONSTRUCTION SITE MUST BE MONITORED AND BMP'S SHALL BE MODIFIED DEPENDING ON CONSTRUCTION SCHEDULE AND RAIN EVENTS.

ANY CHANGES MADE TO THIS PLAN IN THE FIELD MUST BE SHOWN ON THIS MAP. UPDATE MAP TO REFLECT CHANGES.

ON/OFF HAUL GENERAL NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY AND ALL PERMITS, GRADING, EROSION, OR OTHER, NECESSARY FOR THE SITE IN WHICH SOIL IS ON-HAULED FROM, OR OFF-HAULED TO, LARGE QUANTITIES OF SOIL BEING HAULED MAY BE SUBJECT TO HAUL ROUTE APPROVAL AND SHALL BE DISCUSSED WITH SITE INSPECTOR. IF HAUL ROUTE APPROVAL IS REQUIRED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP THIS PLAN AND GAIN APPROVAL.

THIS IS NOT A S.W.P.P.P.

THE PURPOSE OF THIS PLAN IS TO AID THE CONTRACTOR IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). WARREN CONSULTING ENGINEERS, INC. ASSUMES NO RESPONSIBILITY FOR THE PREPARATION, IMPLEMENTATION, OR MAINTENANCE OF THE SWPPP. SHOULD A SWPPP NOT BE REQUIRED FOR THIS PROJECT, IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT THE APPLICABLE STORMWATER QUALITY BMP'S IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. THE BMP'S AS SHOWN ON THIS PLAN ARE NOT "REQUIRED" HOWEVER THEY ARE RECOMMENDED TO COMPLY WITH STORMWATER QUALITY ORDINANCES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT HIS/HER OWN METHODS AND PRODUCTS TO COMPLY WITH THESE ORDINANCES.

REFERENCES DETAILS AND NOTES

SEE GENERAL EROSION CONTROL NOTES AND DETAILS ON SHEET C7.2 FOR ADDITIONAL INFORMATION/INSTRUCTION.

MAINTENANCE/REPAIRS OF BMP FAILURE SHALL BEGIN WITHIN 72 HOURS OF IDENTIFICATION AND CHANGES SHALL BE COMPLETED PRIOR TO THE NEXT RAIN EVENT.

SITE CONDITION	DUST CONTROL PRACTICES							NR - NOT RECOMMENDED
	PERMANENT VEGETATION	MULCHING	WET SUPPRESSION (WATERING)	CHEMICAL DUST SUPPRESSION	GRAVEL OR ASPHALT	SILT FENCES	TEMPORARY GRAVEL CONSTRUCTION ENTRANCES AND EQUIPMENT WASHDOWN	
DISTURBED AREAS (NON-TRAFFIC)	X	X	X	NR	X	X	X	X
DISTURBED AREAS (TRAFFIC)			X	NR	X	X	X	X
MATERIAL STOCKPILE AND STABILIZATION	X	X	X	NR	X	X	X	X
DEMOLITION			X	NR	X	X	X	X
CLEARING AND EXCAVATING			X	NR	X	X	X	X
TRUCK TRAFFIC ON UNPAVED ROADS			X	NR	X	X	X	X
MUD AND DIRT CARRY-OUT	X	X	X	NR	X	X	X	X

PHASE OF CONSTRUCTION	EROSION AND SEDIMENT CONTROL MEASURES																
	WET SEASON							WET & DRY SEASON									
	HYDRO SEEDING	STRAW MULCHING/TACTIFIER	SOIL BINDERS	PRESERVATION OF EXISTING VEGETATION	BLANKETS MATS & GEOTEXTILES	FIBER ROLLS	DUST CONTROL	OUTLET PROTECTION	SILT FENCING	SAND/GRAVEL BAG BARRIERS	STORM DRAIN INLET PROTECTION	SEDIMENT BASIN	SEDIMENT TRAP	DEWATERING	STABILIZED CONSTRUCTION ENTRANCE	MATERIAL & WASTE DISPOSAL LOCATION	CONCRETE WASHOUT
PRE-GRADING				X		X	X										
CUT-FILL ACTIVITIES	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
UNDERGROUND WORK	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STORM IMPROVEMENTS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CURB AND GUTTER	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STREET IMPROVEMENTS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PAVE OUT	X			X	X		X	X		X	X			X			X
POST CONSTRUCTION	X	X	X	X													X



REVISIONS

NO.	DESCRIPTION	DATE	REV'D
1	Addendum No. 1	5/19/22	

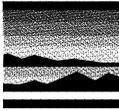
ELDER CREEK ELEMENTARY SCHOOL - PLAYFIELD RENOVATION

SAC CITY UNIFIED SCHOOL DISTRICT
7934 LEMON HILL AVENUE
SACRAMENTO, CA

DATE: 3/25/22
JOB NO.: 22-06
SHEET TITLE: EROSION CONTROL PLAN
SHEET NO.:
SHEET 38 OF 38 TOTAL



FILENAME: \\22-026\CIVIL\DWG\22-026-026-C5.1.DWG PLOTTED: Thursday, May 19, 2022



MTW group
 LANDSCAPE ARCHITECTURE
 AND PLANNING
 2707 K Street, Suite 201
 Sacramento, CA 95816
 916 369-3990

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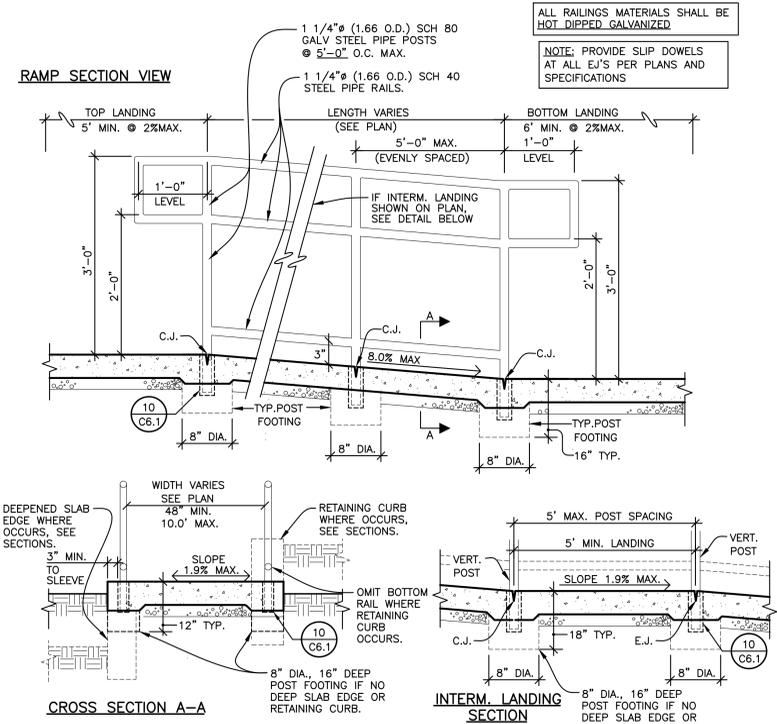
CONSULTANTS



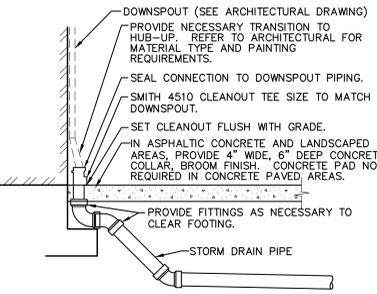
WARREN CONSULTING ENGINEERS, INC.
 1117 WINDFIELD WAY, SUITE 110
 EL DORADO HILLS, CA 95762 | (916) 988-1870

REVISIONS

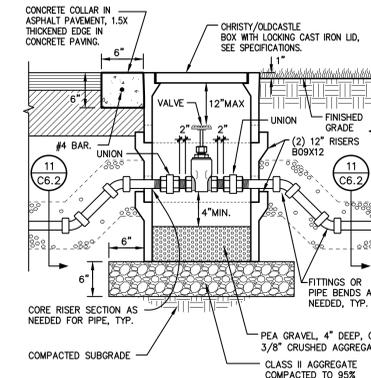
NO.	DESCRIPTION	DATE	REV'D
1	Addendum No. 1	5/19/22	



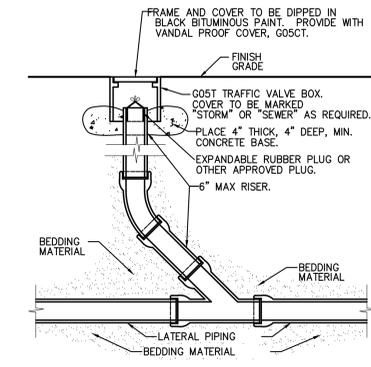
1 ACCESSIBLE RAMP AND HANDRAILINGS
 C6.4 WALKWAYS/RAMPS 5.1% TO 8.33% MAX. NO SCALE



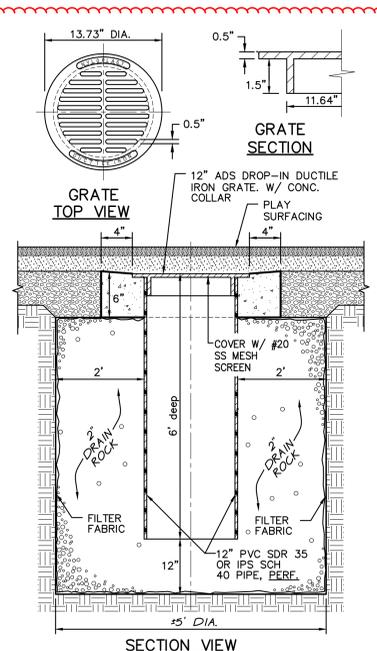
4 DOWNSPOUT CONNECTION
 C6.4 NO SCALE



2 WATER VALVE
 C6.4 1/2" TO 3" PIPE ONLY NO SCALE
 PRIVATE WATER LINES ONLY



3 CLEANOUT
 C6.4 NO SCALE



5 INLET DRYWELL
 C6.4 NO SCALE



ELDER CREEK ELEMENTARY SCHOOL - PLAYFIELD RENOVATION

SAC CITY UNIFIED SCHOOL DISTRICT
 7934 LEMON HILL AVENUE
 SACRAMENTO, CA

DATE 3/25/22
 JOB NO. 22-06
 SHEET TITLE

DETAILS AND SECTIONS

SHEET NO.
AD1C6.4
 SHEET OF 38 TOTAL

FILENAME: \\22-028\CIVIL\DWG\22-028-028-C6.1.DWG # PLOTTEE: Thursday, May 19, 2022

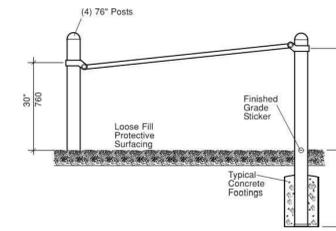
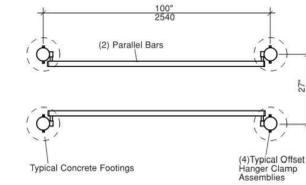


Kids' Choice Structure

Model: 714-S514	Weight: 9160 lb
Age Range: 5 - 12 years	Capacity: 80-70
Space Required: 39'-0" x 56'-0"	Complies With: ASTM, CPSC



1347760



Parallel Bars Station

A Non Profit Organization Dedicated to Health and Wellness For All
PROJECT FIT AMERICA, P.O. BOX 358, BOSTON, MA 02116, CA 95116
Document #15657500

Sheet 7 of 12

S6
C7.2 PARALLEL BAR STATION
CRITICAL FALL HEIGHT = USE 3.0 FEET
NO SCALE



1481430

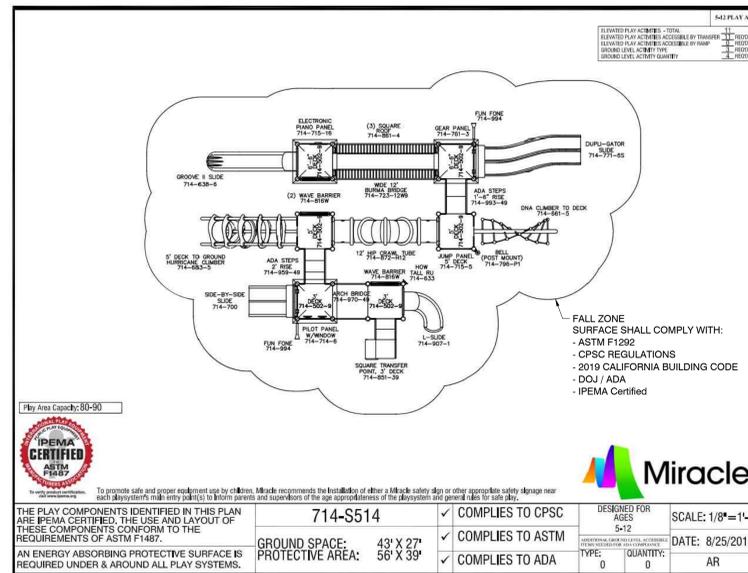


Vault Bar Station

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Document #15657500

Sheet 8 of 12

S7
C7.2 VAULT BAR STATION
CRITICAL FALL HEIGHT = USE 3.0 FEET
NO SCALE



FALL ZONE SURFACE SHALL COMPLY WITH:
- ASTM F1292
- CPSC REGULATIONS
- 2019 CALIFORNIA BUILDING CODE
- DOJ / ADA
- IPEMA Certified

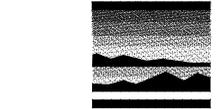
Play Area Capacity: 80-90



THE PLAY COMPONENTS IDENTIFIED IN THIS PLAN ARE IPEMA CERTIFIED. THE USE AND LAYOUT OF THESE COMPONENTS CONFORM TO THE REQUIREMENTS OF ASTM F1487.	714-S514	✓ COMPLIES TO CPSC	DESIGNED FOR AGES: 5-12	SCALE: 1/8" = 1'-0"
AN ENERGY ABSORBING PROTECTIVE SURFACE IS REQUIRED UNDER & AROUND ALL PLAY SYSTEMS.	GROUND SPACE: 43' X 27'	✓ COMPLIES TO ASTM	DATE: 8/25/2016	
	PROTECTIVE AREA: 56' X 39'	✓ COMPLIES TO ADA	TYPE: 0	QUANTITY: 0

NOTE: PLAY GROUND EQUIPMENT SHALL COMPLY WITH CBC 11B-240 AND ITS SUB-SECTIONS AS APPLICABLE & 11B-1008. GROUND SURFACE MUST COMPLY WITH 11B-1008.2.6.

1
C7.2 PLAY APPARATUS
CRITICAL FALL HEIGHT = USE 12.0 FEET
SEE SPECIFICATION SECTION 11 68 16
NO SCALE



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CONSULTANTS



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7934 LEMON HILL AVENUE
SACRAMENTO, CA

DATE: 3/25/22
JOB NO.: 22-06
SHEET TITLE: Workout Station & Apparatus Details

Workout Station & Apparatus Details

SHEET NO. **AD1C7.2**
SHEET OF 38 TOTAL

