

SCHEDULE NOTE:
 (E) TENNIS COURTS MAY NOT BE DEMOLISHED UNTIL AFTER MAY 1ST, OR, MAY BE DEMOLISHED PRIOR TO MAY 1ST IF NEW PROPOSED COURTS ARE READY AND ACCEPTED TO BE READY FOR USE.

POST TO REMAIN CUT DOWN TO 6' & ADD CAP.

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MATCHLINE - SEE SHEET CD101D

EXISTING UTILITIES AND LOCATING
 VARIOUS UTILITIES EXIST BENEATH THE PROPOSED IMPROVEMENTS. CONTRACTOR SHALL ACQUIRE UNDERGROUND LOCATOR TO LOCATE ALL UTILITIES IN ACCORDANCE WITH EARTHWORK SECTION 31 0000. APPROXIMATE LOCATIONS HAVE BEEN SHOWN ON THESE PLANS FROM RECORD SOURCES BUT FIELD CONDITIONS MAY VARY. CELLULAR CONDUITS REQUIRE EXTREME CAUTION WHEN WORKING AROUND. SHALLOW UTILITIES MAY REQUIRE ADDITIONAL WORK AS OUTLINED IN THESE PLANS AND SPECIFICATIONS TO AVOID DAMAGE TO UTILITIES. CONTACT ARCHITECT IMMEDIATELY IF FOUND UTILITIES CONFLICT WITH NEW WORK.

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.

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.

IRRIGATION DEMOLITION
 WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINE AND HEADS ENCOUNTERED, PROVIDED THAT THE MAIN LINES AND CONTROL WIRES ONLY IF ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEM INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.
 WHEN IRRIGATION LINES ENTERING NEW WORK ARE CUT TEMPORARILY FOR CONSTRUCTION, EVEN IF THEY ARE TO BE RE-CONNECTED TO AT SOME POINT DURING CONSTRUCTION, SHALL BE CAPPED TO ALLOW UPSTREAM HEADS IN THAT SYSTEM ZONE TO OPERATE. CAPS SHALL BE REMOVED IF A RE-CONNECTION IS PLANNED.

CAL-GREEN - Waste Diversion

- 5.408.1 Construction waste management.** Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.
- 5.408.1.1 Construction waste management plan.** Where a local jurisdiction does not have a construction and demolition waste management ordinance that is more stringent, submit a construction waste management plan that:
- Contractor shall identify the construction and demolition waste materials to be diverted from disposal, to comply with 65% criteria listed above, by efficient usage, recycling, reuse on the project or salvage for future use or sale.
 - Contractor shall determine if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream). Either method is the responsibility of the contractor.
 - Contractor shall identify diversion facilities where construction and demolition waste material collected will be taken. Transport to such facilities is contractor's responsibility.
 - Contractor shall record and provide records of the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

CAL-GREEN - Waste Diversion Documentation Required (Red Calgreen 5.408.1.4)

- Contractor shall prepare and provide documentation to the enforcing agency which demonstrates compliance with Calgreen Sections 5.408.1.1 through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.
- Notes:**
- Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at <http://www.bsc.ca.gov/home/CALGreen.aspx> may be used to assist in documenting compliance with the waste management plan.
 - Mixed construction and demolition debris (C&D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

5.408.1.2 Waste management company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.

- Contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company. Contractor shall make any and all arrangements with waste management company for pickup of materials.
- Exceptions to Sections 5.408.1.1 and 5.408.1.2:**
- Excavated soil and land-clearing debris.
 - Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
 - Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction material that does not exceed two pounds per square foot of building area may be deemed to meet the 65 percent minimum requirement as approved by the enforcing agency.

Exception: Reuse, either on-or off-site, of vegetation or soil contaminated by disease or pest infestation.

Notes:

- If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material. (www.cdffa.ca.gov/reco/county_contacts.html)
- For a map of known pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdffa.ca.gov)

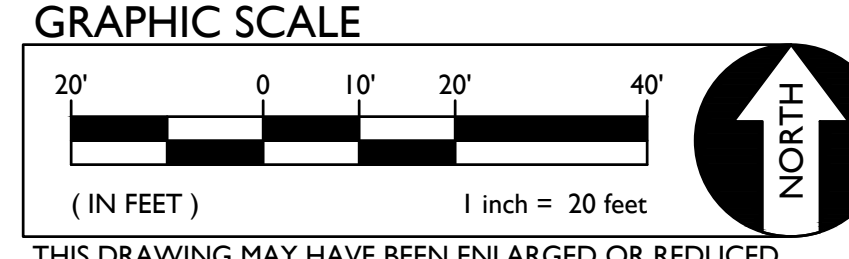
CAL-GREEN - Excavated Soil & Land Clearing

- 5.408.3 Excavated soil and land clearing debris.** 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.
- Exception:** Reuse, either on-or off-site, of vegetation or soil contaminated by disease or pest infestation.
- Notes:**
- If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material. (www.cdffa.ca.gov/reco/county_contacts.html)
 - For a map of known pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdffa.ca.gov)



CAL-GREEN REFER TO CD101C FOR APPLICABLE CAL-GREEN DEMOLITION REQUIREMENTS

EROSION NOTE:
 REFER TO CD101C FOR APPLICABLE EROSION PROTECTIVE MEASURES DURING DEMOLITION. PROVIDE APPROVED BMP'S AT ALL LOCATIONS NECESSARY TO PREVENT SEDIMENT LOADEN WATER FROM LEAVING THE SITE. REFER TO SWPPP FOR ADDITIONAL INFO.



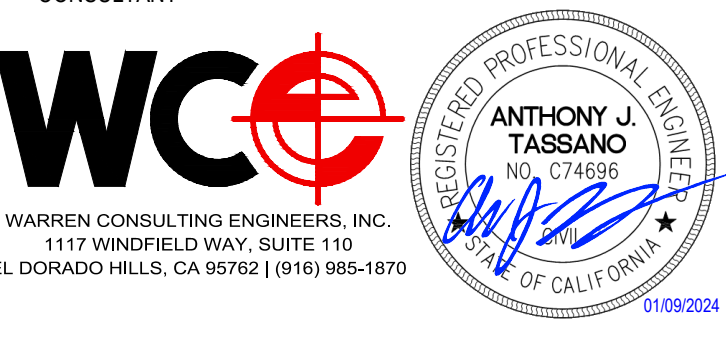
- DEMOLITION GENERAL NOTES**
- IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
 - NO BURNING OR BLASTING SHALL BE PERMITTED.
 - 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 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 ACCURACY OR 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 DISTRICT. 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.

DEMOLITION NOTES

- LEGEND**
- REMOVE EXISTING CONCRETE PAVING AND BASE AGGREGATES (IF EXIST). WHERE SAWCUTS ARE NECESSARY, THEY SHALL BE A NEAT STRAIGHT LINE. CUT SHALL BE MADE AT NEAREST EXISTING JOINT TO LOCATION SHOWN.
 - SAWCUT AND REMOVE EXISTING ASPHALT PAVING AND BASE AGGREGATE TO PROVIDE FOR NEW CONSTRUCTION. SAWCUTS BY HAND IF NECESSARY. BACKFILL VOID PER GRADING CUT EDGE UNTIL NEW PAVING PLACED, OR NEW CUTS WILL BE REQUIRED.
 - REMOVE EXISTING CONCRETE CURB/CURB GUTTER.
 - REMOVE EXISTING TREE AND ROOTS. IF SMALL ROOTS OR ROOT FRAGMENTS REMAIN (>1/2" 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.
 - EXISTING TREE TO REMAIN AND BE PROTECTED FROM DAMAGE. PROVIDE PROTECTIVE FENCING IF NEEDED. WHEN IMMEDIATELY ADJACENT TO EQUIPMENT TRAFFIC, STRIP 24"x3" VERTICALLY AT 8" O.C. AROUND TRUNK, FROM 12" ABOVE GRADE TO 6' FEET ABOVE GRADE TO PROTECT TREE BARK FROM EQUIPMENT DAMAGE.
 - REMOVE EXISTING FENCING AND OR GATES AS SHOWN. REMOVAL TO INCLUDE ALL POSTS AND CONCRETE BASES. BACKFILL WITH CLASS II AB IN 6" LIFTS, EACH COMPACTED TO 95%. FENCE TYPES MAY VARY.
 - REMOVE AND DISPOSE OF EXISTING CONCRETE WHEEL STOP. WHEEL STOPS IN GOOD CONDITION WITH NO CHIPS OR CRACKS MAY BE SALVAGED AND RE-USED.
 - REMOVE EXISTING BENCHES OR TABLE TO INCLUDE CONCRETE FOOTINGS. BACKFILL WITH CLASS II AB IN 6" LIFTS, EACH COMPACTED TO 95%.
 - PAINT EXISTING STRIPING BLACK WITH MIN. 2 COATS COMMERCIAL GRADE BLACK TRAFFIC PAINT.
 - REMOVE EXISTING DRAIN INLET/MANHOLE. SEE UTILITY DEMOLITION PLAN FOR ADDITIONAL INFORMATION.
 - REMOVE EXISTING SYNTHETIC TURF. REMOVE NAILERS AND ANY WOOD OR CONCRETE CURBS. SEE PAVING PLAN CP101A, AND LANDSCAPE PLANS FOR NEW.
 - DISCONNECT, DISMANTLE AND REMOVE EXISTING DUGGOUT STRUCTURE TO INCLUDE ALL STRUCTURE, WALLS, SLABS AND FOUNDATIONS.
 - REMOVE ALL PLANTS, SHRUBS, EXISTING VEGETATION, INFIELD MIX AND OTHER LANDSCAPE TYPE SUNSHINE REFER TO EARTHWORK SPECIFICATIONS FOR ADDITIONAL SITE CLEARING REQUIREMENTS. SEE LANDSCAPE PLANS FOR IRRIGATION DEMOLITION AND INSTALLATION. SEE GENERAL IRRIGATION NOTE, THIS SHEET.
 - REMOVE EXISTING IRRIGATION VALVES, LINES WIRES, ETC. REFER TO LANDSCAPE AND IRRIGATION PLANS FOR ADDITIONAL INFO.
 - REMOVE EXISTING UTILITY VAULT/BOX. PROTECT UTILITIES FROM DAMAGE. PROVIDE NEW AND ADJUST TO FINISHED GRADE. SEE GRADING PLAN AND UTILITY PLANS FOR ADDITIONAL INFO.
 - REMOVE EXISTING UTILITY BOX. DISCONNECT AND REMOVE ASSOCIATED UTILITIES. SEE UTILITY PLANS FOR ADDITIONAL INFO.
 - SAWCUT AND REMOVE EXISTING ASPHALT PAVING AND BASE ROCK. SEE GRADING AND PAVING PLANS.
 - REMOVE EXISTING SCOREBOARD TO INCLUDE FOOTINGS. **ADD NO.1**
 - REMOVE EXISTING METAL POST TO INCLUDE CONCRETE FOOTINGS.
 - REMOVE EXISTING BASES AND PITCHING MOUNDS AND ANY CONCRETE FOOTINGS. DISTRICT MAY SALVAGE. SEE GENERAL NOTE 7.
 - REMOVE EXISTING ELECTRICAL PANEL. REMOVE CONDUITS BACK TO SERVICE POINT OR NEAREST UTILITY BOX TO REMAIN. COIL WIRES AND LEAVE IN BOX. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - REMOVE EXISTING SIGN TO INCLUDE POST AND CONCRETE BASE.
 - EXISTING BENCHES TO REMAIN, PROTECT FROM DAMAGE.
 - REMOVE EXISTING TENNIS COURT POST AND NET ANCHORS AND CONCRETE BASES. BACKFILL WITH CLASS II AB COMPACTED TO 95% UP TO SUBGRADE OR EXISTING AB SURFACE.
 - EXISTING STORAGE CONTAINER TO BE RELOCATED. SEE ARCH. PLANS. LOCATION SHALL COMPLY WITH GENERAL NOTES ON SHEET CD101B AND DSA IR A-27.
 - REMOVE EXISTING STEPS AND RAILINGS.
 - REMOVE EXISTING BLEACHERS.

LIONAKIS

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 Sacramento, CA 95818
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CONSULTANT
 SEAL

PROJECT
 LUTHER BURBANK HIGH SCHOOL
 ATHLETIC FIELDS RENOVATION

3500 FLORIN ROAD
 SACRAMENTO, CA 95823

CLIENT
 SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

5735 47TH AVENUE, SACRAMENTO, CA 95824

MARK	DATE	DESCRIPTION
-	8.10.2023	DSA SUBMITTAL
-	10.16.2023	DSA BACKCHECK

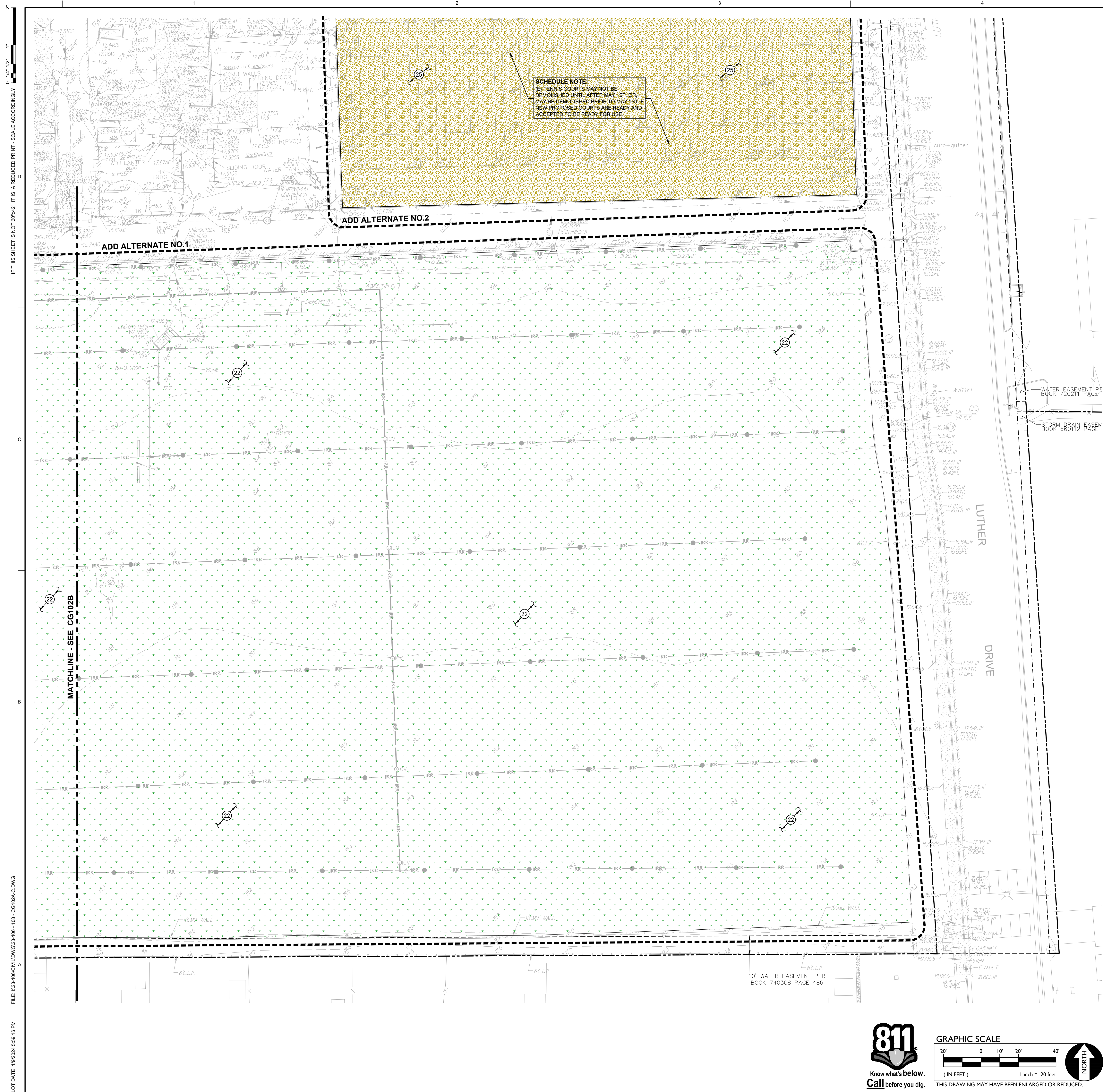
ISSUED	MARK	DATE	DESCRIPTION
MANAGEMENT			
LIONAKIS PROJECT NO.			023041
DSA APPLICATION NO.			02-121593
CLIENT PROJECT NO.			####
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TITLE
 SURFACE DEMOLITION
 PLAN

AREA D

SHEET
 CD101D

PLOT DATE: 1/9/2024 5:51:30 PM FILE: I:\23-106\CIVIL\DWG\23-106-102 - CD101A.CDWG



SCHEDULE NOTE:
 THE TENNIS COURTS MAY NOT BE DEMOLISHED UNTIL AFTER MAY 1ST OR MAY BE DEMOLISHED PRIOR TO MAY 1ST IF NEW PROPOSED COURTS ARE READY AND ACCEPTED TO BE READY FOR USE.

PAVEMENT SLOPES
 ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON SHEET C101, CLARIFIED AS FOLLOWS:
 • CONCRETE FLATWORK - ALL - PER GENERAL PAVING SURFACE NOTES ON SHEET C101.
 • ASPHALT PAVING, CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON SHEET C101.
 • ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.8% MAX ANY DIRECTION.
 • ASPHALT PAVING, ACCESSIBLE VEHICLE SPACE - 1.8% MAX ANY DIRECTION.
 • ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
 • ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
 • ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% CROSS, 7.0% RUNNING.
 CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.

LEGEND **CONSTRUCTION NOTES**
 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. DOWEL SPACING SHALL MATCH SLAB REINFORCING SPACING. (3) (CS501)
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. (1) (2) (3) (CS501) (CS501)
3. CONSTRUCT CONCRETE VALLEY GUTTER PER THE DETAIL PROVIDED. (12) (CS501)
4. CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED. (5) (CS501)
5. CONSTRUCT CONCRETE RETAINING CURB PER THE DETAIL PROVIDED. (7) (CS501)
6. CONSTRUCT 12" WIDE CONCRETE APRON WITH FENCING PER THE DETAIL PROVIDED. SEE ARCH. AND LANDSCAPE PLANS FOR NEW FENCING. (14) (CS501)
7. CONSTRUCT TYPE 1 ACCESSIBLE CURB RAMP PER THE DETAIL PROVIDED. (16) (CS501)
8. ASPHALT PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 32 12 00 FOR MATERIALS AND CONSTRUCTION. REFER TO SECTION 31 00 00 FOR SUBGRADE PREPARATION. (8) (CS501)
9. CONSTRUCT FLUSH CONCRETE CURB/EDGE PER THE DETAIL PROVIDED. (8) (CS501)
10. GRADE AND CONSTRUCT UNIFORM DRAINAGE SWALE IN FINISHED GRADE. RUNNING SLOPE SHALL BE NO LESS THAN 0.75%. SIDE SLOPE SHALL BE NO GREATER THAN 5H:1V. AFTER SWALES ARE GRADED, CONTRACTOR TO ENSURE LANDSCAPER DOES NOT ALTER, BLOCK OR OTHERWISE CHANGE SWALE IN A WAY THAT WOULD STOP FLOW. (17) (CS501)
11. CONSTRUCT 12" WIDE RAISED CONCRETE APRON AT NEW OR EXISTING FENCING PER THE DETAIL PROVIDED. SEE ARCH. AND LANDSCAPE PLANS FOR FENCING. (17) (CS501)
12. PROVIDE TOPSOIL FOR NEW PLANTING. SEE PAVING PLAN AND LANDSCAPE PLANS FOR NEW PLANTING/SURFACING. SEE ALSO SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (8) (CS501)
13. PATCH BACK EXISTING LANDSCAPING ALONG EDGES OF WORK AND AREAS IDENTIFIED. MATCH EXISTING CONDITIONS. IF NO EXISTING LANDSCAPING PRESENT, PROVIDED EROSION HYDROSEED AT MINIMUM. SEE LANDSCAPE PLANS AND SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (8) (CS501)
14. REPLACE EXISTING UTILITY BOX WITH NEW TRAFFIC RATED BOX SET AT PROPOSED FINISHED GRADE. BOX SIZE SHALL MEET OR EXISTING EXISTING VAULT SIZE. APPROVED BOXES SHALL BE JENSEN HT1017, HT1324, HT1730, HT2436 OR HT3048, OR APPROVED EQUAL. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION. (11) (CS502)
15. CONSTRUCT 6" WIDE NOTCH IN 24" WIDE MEDIAN. NOTCHES SHALL BE FLUSH WITH PAVING TO ALLOW DRAINAGE AND SHALL BE AT 7' O.C. MAX. (9) (CS501)
16. CONSTRUCT CONCRETE TRENCH DRAIN WITH FENCE APRON PER THE DETAIL PROVIDED. (7) (CS501)
17. CONSTRUCT CONCRETE STAIRWAY WITH EDGE CURBS. REFER TO LANDSCAPE DETAILS. (9) (CS501)
18. CONSTRUCT 6" WIDE CONCRETE PLANTING EDGE CURB PER THE DETAIL PROVIDED. (7) (CS501)
19. CONSTRUCT CONCRETE RETAINING CURB PER THE DETAIL PROVIDED. (18) (CS501)
20. CONSTRUCT CONCRETE MATERIAL STORAGE ENCLOSURE PER THE DETAIL PROVIDED. (18) (CS501)
21. SEE PAVING PLAN FOR NEW SURFACING. FINISH GRADE SHALL MATCH THE EXISTING AC FINISHED GRADE. (18) (CS501)
22. FOLLOWING LAWN REMOVAL, GRADE TO SMOOTH AND PLANE EXISTING GRADE TO A UNIFORM FINISH. FILL AND PROVIDE NEW TOPSOIL WHERE NEEDED. THEN AMEND AND PLACE NEW SOD OR SEED AS SPECIFIED IN LANDSCAPE PLANS. (18) (CS501)
25. SEE PAVING PLAN FOR DEMOLISHED TENNIS COURT SURFACING, AND TAPERED EDGE FILL. (ADD NO. 1)

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CONSULTANT

WC REGISTERED PROFESSIONAL ENGINEER
 ANTHONY J. TASSANO
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 01/03/2024

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PROJECT
**LUTHER BURBANK HIGH SCHOOL
 ATHLETIC FIELDS RENOVATION**

3500 FLORIN ROAD
 SACRAMENTO, CA 95823

CLIENT
 SACRAMENTO CITY UNIFIED SCHOOL DISTRICT
 5735 47TH AVENUE, SACRAMENTO, CA 95824

ISSUED

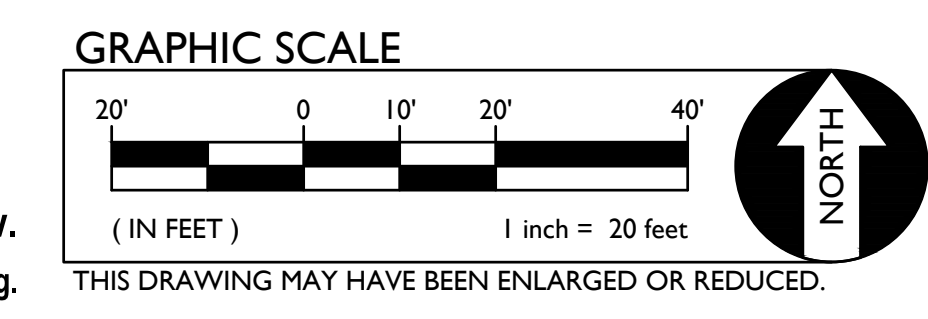
MARK	DATE	DESCRIPTION
-	8.10.2023	DSA SUBMITTAL
-	10.16.2023	DSA BACKCHECK

MANAGEMENT

LIONAKIS PROJECT NO.	023041
DSA APPLICATION NO.	02-121593
CLIENT PROJECT NO.	####
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TITLE
GRADING PLAN

SHEET
CG102C



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT - SCALE ACCORDINGLY 0 1/4" = 1'
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0 1/4" = 12'

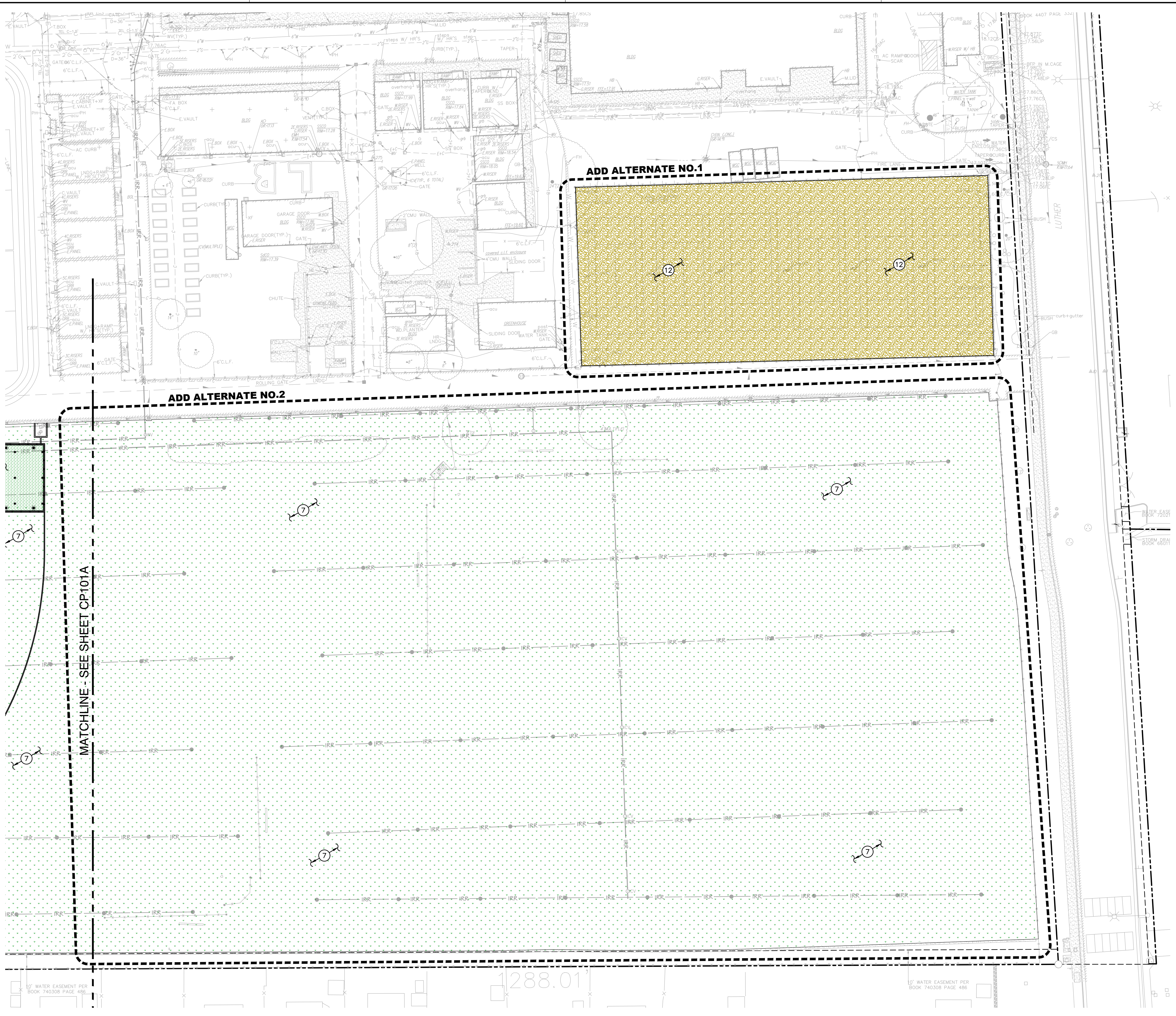
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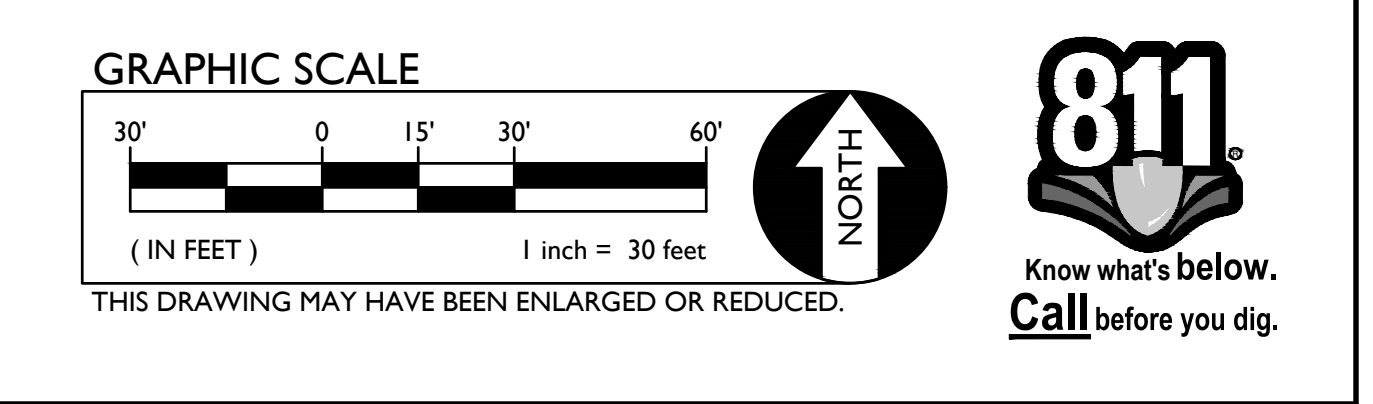


- PAVING GENERAL NOTES:**
- ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS.
 - AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26, AND PROJECT SPECIFICATIONS.
 - ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
 - RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB. REFERENCE CALTRANS SPECIFICATION SECTION 26-1.02A.
 - PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, LIME TREATMENT (IF USED), AND COMPACTION SHALL BE PERFORMED AFTER ALL UTILITIES HAVE BEEN LOCATED AND POTHOLED, AND THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
 - ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE SEEDED WITH EROSION CONTROL TYPE NON-WATERED SEED MIX. REFER TO EROSION CONTROL SPECIFICATIONS FOR ACCEPTABLE SEED MIXES.
 - REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
 - ALL NEW ASPHALT PAVING SHALL RECEIVE SEALCOAT. 2 COATS, MIN. REFER TO PROJECT SPECIFICATIONS. CONTRACTOR SHALL ALLOW FOR 30 DAYS MIN. OF ASPHALT PAVING CURING PRIOR TO SEALCOAT PLACEMENT. IF CONTRACTOR'S SCHEDULE DOES NOT PERMIT CURING, CONTRACTOR WILL PROVIDE, AT HIS COST, TEMPORARY STRIPING. TEMPORARY STRIPING SHALL BE REMOVED AFTER CURING PERIOD AND SEALCOAT APPLIED WITH NEW REPLACEMENT STRIPING. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER/DISTRICT.

- CONCRETE FINISH NOTES**
- REFER TO ARCHITECTURAL PLANS FOR ANY SPECIAL CONCRETE FINISHES SPECIFIED WHICH SHALL OVERRIDE THOSE SPECIFIED BELOW.
- PROVIDE MEDIUM BROOM FINISH AT SLOPES UP TO 4.99% TYPICAL, OR EQ.
 - PROVIDE HEAVY BROOM FINISH AT SLOPES 5.00% AND GREATER, OR EQ.

- REBAR OPTIONS**
- AT CONTRACTOR'S OPTION:
- #4 @ 24" O.C.E.W. = #3 @ 18" O.C.E.W.
 - #4 @ 18" O.C.E.W. = #3 @ 12" O.C.E.W.

- LIME EXCAVATION**
- NOTE: WHERE LIME TREATMENT OF PAVEMENT SUBGRADE ENDOACHES INTO PROPOSED PLANTING AREAS, FOLLOWING PLACEMENT OF PAVING, ENCRUSTED LIME TREATED SOILS SHALL BE EXCAVATED AND REMOVED AND REPLACED WITH CLEAN NATIVE FILL AND TOPPED WITH 8" MIN. TOPSOIL.
- IN AREAS DIFFICULT TO DIRECTLY TREAT WITH LIME, DUE TO SHALLOW UTILITIES OR OTHER CONDITIONS, CONTRACTOR MAY EITHER:
- TREAT SOIL WITH LIME AT SEPARATE LOCATION AND THEN PLACE, COMPACT AND CURE WHERE NEEDED, SEE SECTION 31.32.00.
 - REPLACE 12" LIME SECTION WITH 12" COMPACTED CLASS II AB, PLACED IN 6" COMPACTED LIFTS, EACH COMPACTED TO 95%, OVER 12" DEEP SCARIFIED AND 90% RE-COMPACTED SUBGRADE. IF 90% CANNOT BE ACHIEVED, STATIC ROLL AND PROVIDE TENSAR BX100 OR TX140 GEOGRID. THIS AB LAYER DOES NOT COUNT TOWARD PAVEMENT SECTION AB LAYER THICKNESS.



- 8 TYPE 8 SURFACING - HYDROSEED AREA**
FOLLOWING SITE GRADING IN ACCORDANCE WITH GRADING PLAN AND SECTION 31.00.00, PLACE 8" LAYER AMENDED NATIVE TOPSOIL AND SEED WITH EROSION CONTROL HYDROSEED MIX IN ACCORDANCE WITH SECTION 31.25.00.
- 9 TYPE 9 PAVING - TENNIS COURTS**
PLACE TENNIS COURT PAVING, 1.5" THICK 3/4" TYPE A AC REINFORCED, 2.5" THICK 3/4" TYPE A AC REINFORCED, OVER 6" CLASS II AB, ON 12" DEEP LIME TREATED SUBGRADE. ENGINEERED FILL AND SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31.22.00 AND 31.23.00, ASPHALT PER SPECIFICATION SECTION 32.12.00 AND 32.12.16.26. SEE STRIPING AND SURFACING PLAN FOR TENNIS COURT SURFACING AND SECTION 32.18.23.
- 10 TYPE 10 SURFACING - SYNTHETIC TURF**
SYNTHETIC TURF SURFACING OVER SHOCK/ DRAINAGE PAD, ON 4" MIN. COMPACTED BASE PER THE DETAILS PROVIDED. SEE ARCH. AND LANDSCAPE PLANS AND SPECS FOR SYNTHETIC TURF MATERIALS AND INSTALLATION.
- 11 TYPE 11 SURFACING - INFIELD MIX AND BASEBALL/SOFTBALL SURFACING.**
SEE LANDSCAPE PLANS AND SPECS.
- 12 TYPE 12 SURFACING - TENNIS COURT DEMO AREA**
FOLLOWING PAVING AND CLASS II AB REMOVAL PER THE DEMOLITION AND ENGINEERED FILL PLAN AND SPECIFICATIONS, GRADE AND LEVEL AND COMPACT TOP 6" OF SUBGRADE TO 95% RELATIVE COMPACTION. PLACE TAPERED FILL AROUND PERIMETER PER THE DETAIL BELOW. PROVIDE HYDROSEED OR OTHER EROSION CONTROL MEASURES ON ALL SOIL SURFACES THIS AREA.

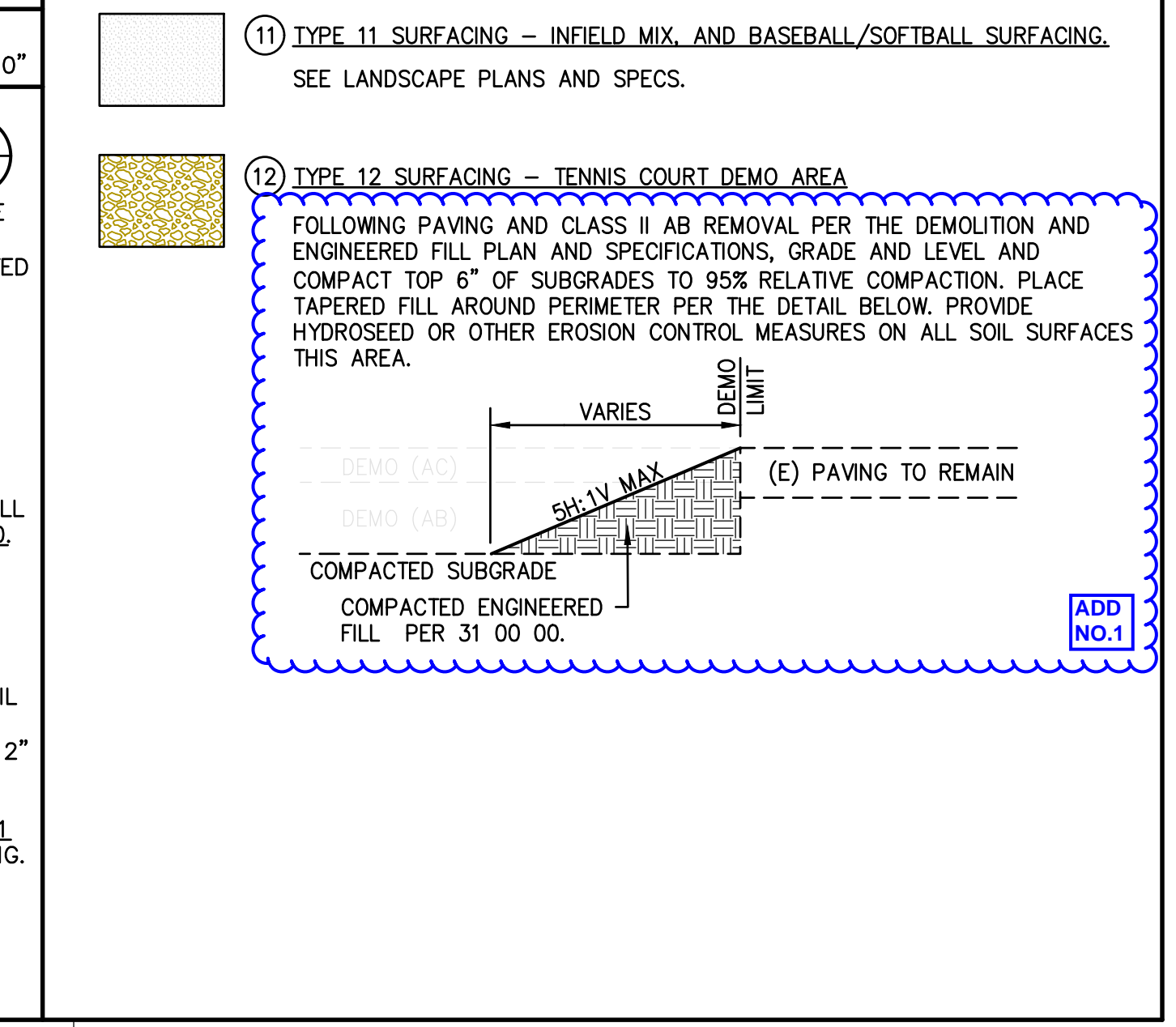
1 PAVING PLAN

- PAVING LEGEND - LIME TREATED SUBGRADE (RECOMMENDED)**
SUBGRADE PREPARATION VARIES WITH PAVING SECTIONS, SEE SHEET C3.0 AND SPECIFICATIONS.
- 1 TYPE 1 PAVING - HEAVY DRIVE ISLES & BUS & FIRE LANES**
PLACE 4" AC OVER 7.0" CLASS II AB OVER 12" MIN. LIME TREATED SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 31.00.00 AND 31.32.00, ASPHALT PER SPECIFICATION SECTION 32.12.00, PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS.
 - 2 TYPE 2 PAVING - LIGHT DRIVE ISLES**
PLACE 3.5" AC OVER 6.0" CLASS II AB OVER 12" MIN. LIME TREATED SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 31.00.00 AND 31.32.00, ASPHALT PER SPECIFICATION SECTION 32.12.00, PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS.
 - 3 TYPE 3 PAVING - PARKING STALLS**
PLACE 3.0" AC OVER 4.0" CLASS II AB OVER 12" MIN. LIME TREATED SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 31.00.00 AND 31.32.00, ASPHALT PER SPECIFICATION SECTION 32.12.00, PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS.
 - 4 TYPE 4 PAVING - HARD COURTS**
PLACE 3.0" AC OVER 4.0" CLASS II AB OVER 12" MIN. LIME TREATED SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 31.00.00 AND 31.32.00, ASPHALT PER SPECIFICATION SECTION 32.12.00, PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS.

- PAVING LEGEND - NATIVE SUBGRADES**
SUBGRADE PREPARATION VARIES WITH PAVING SECTIONS, SEE SHEET C3.0 AND SPECIFICATIONS.
- 5 TYPE 5 PAVING - PEDESTRIAN RATED (NON-TRAFFIC)**
PLACE 5" PCC OVER 4" CLASS II AB OVER 12" DEEP LIME TREATED SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 31.00.00 AND 31.32.00, PROVIDE #4 BARS AT 24" O.C.E.W. CONCRETE SHALL BE PER SECTION 32.16.00, REFER ALSO TO DETAILS PROVIDED.
 - 6 TYPE 6 PAVING - VEHICULAR RATED**
PLACE 7" PCC, 3500 PSI MIN., OVER 6" CLASS II AB OVER 12" DEEP LIME TREATED SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 31.00.00 AND 31.32.00, PROVIDE #4 BARS AT 18" O.C.E.W. CONCRETE SHALL BE PER SECTION 32.16.00, REFER ALSO TO DETAILS PROVIDED.

- PAVING LEGEND - NATIVE SUBGRADES**
SUBGRADE PREPARATION VARIES WITH PAVING SECTIONS, SEE SHEET C3.0 AND SPECIFICATIONS.
- 1 TYPE 1 PAVING - HEAVY DRIVE ISLES & BUS & FIRE LANES**
PLACE 4" AC OVER 16.0" CLASS II AB OVER NATIVE SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31.00.00, ASPHALT PER SPECIFICATION SECTION 32.12.00, PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS.
 - 2 TYPE 2 PAVING - LIGHT DRIVE ISLES**
PLACE 3.5" AC OVER 13.0" CLASS II AB OVER NATIVE SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31.00.00, ASPHALT PER SPECIFICATION SECTION 32.12.00, PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS.
 - 3 TYPE 3 PAVING - PARKING STALLS**
PLACE 3.0" AC OVER 9.0" CLASS II AB OVER NATIVE SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31.00.00, ASPHALT PAVING PER SPECIFICATION SECTION 32.12.00.
 - 4 TYPE 4 PAVING - HARD COURTS**
PLACE 3.0" AC OVER 10.0" CLASS II AB OVER NATIVE SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31.00.00, ASPHALT PAVING PER SPECIFICATION SECTION 32.12.00.

- PAVING LEGEND - NATIVE SUBGRADES**
SUBGRADE PREPARATION VARIES WITH PAVING SECTIONS, SEE SHEET C3.0 AND SPECIFICATIONS.
- 5 TYPE 5 PAVING - PEDESTRIAN RATED (NON-TRAFFIC)**
PLACE 5" PCC OVER 5" CLASS II AB OVER NATIVE SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. PROVIDE #4 BARS AT 24" O.C.E.W. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31.00.00, CONCRETE PER SECTION 32.16.00, REFER ALSO TO DETAILS PROVIDED.
 - 6 TYPE 6 PAVING - VEHICULAR RATED**
PLACE 7" PCC, 3500 PSI MIN., OVER 8" CLASS II AB OVER NATIVE SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. PROVIDE #4 BARS AT 18" O.C.E.W. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31.00.00, CONCRETE PER SECTION 32.16.00, REFER ALSO TO DETAILS PROVIDED.
 - 7 TYPE 7 SURFACING - LANDSCAPE AREA**
PLACE 12" LAYER AMENDED NATIVE OR AMENDED IMPORTED TOPSOIL FOR NEW LANDSCAPING. TOPSOIL SHALL BE IN ACCORDANCE WITH THE LANDSCAPE SPECIFICATIONS. PLACE IN LIFTS NOT EXCEEDING 12" IN UNCOMPACTED THICKNESS AND COMPACT TO 85% RELATIVE COMPACTION UNTIL TOPSOIL SUBGRADE IS ACHIEVED. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31.00.00, REFER TO LANDSCAPE PLANS FOR IRRIGATION AND PLANTING.



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PROJECT
**LUTHER BURBANK HIGH SCHOOL
ATHLETIC FIELDS RENOVATION**

3500 FLORIN ROAD
SACRAMENTO, CA 95823

CLIENT
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

5735 47TH AVENUE, SACRAMENTO, CA 95824

MARK	DATE	DESCRIPTION
-	8.10.2023	DSA SUBMITTAL
-	10.16.2023	DSA BACKCHECK

MANAGEMENT	
LIONAKIS PROJECT NO.	023041
DSA APPLICATION NO.	02-121593
CLIENT PROJECT NO.	####
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TITLE
PAVING PLAN

SHEET
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