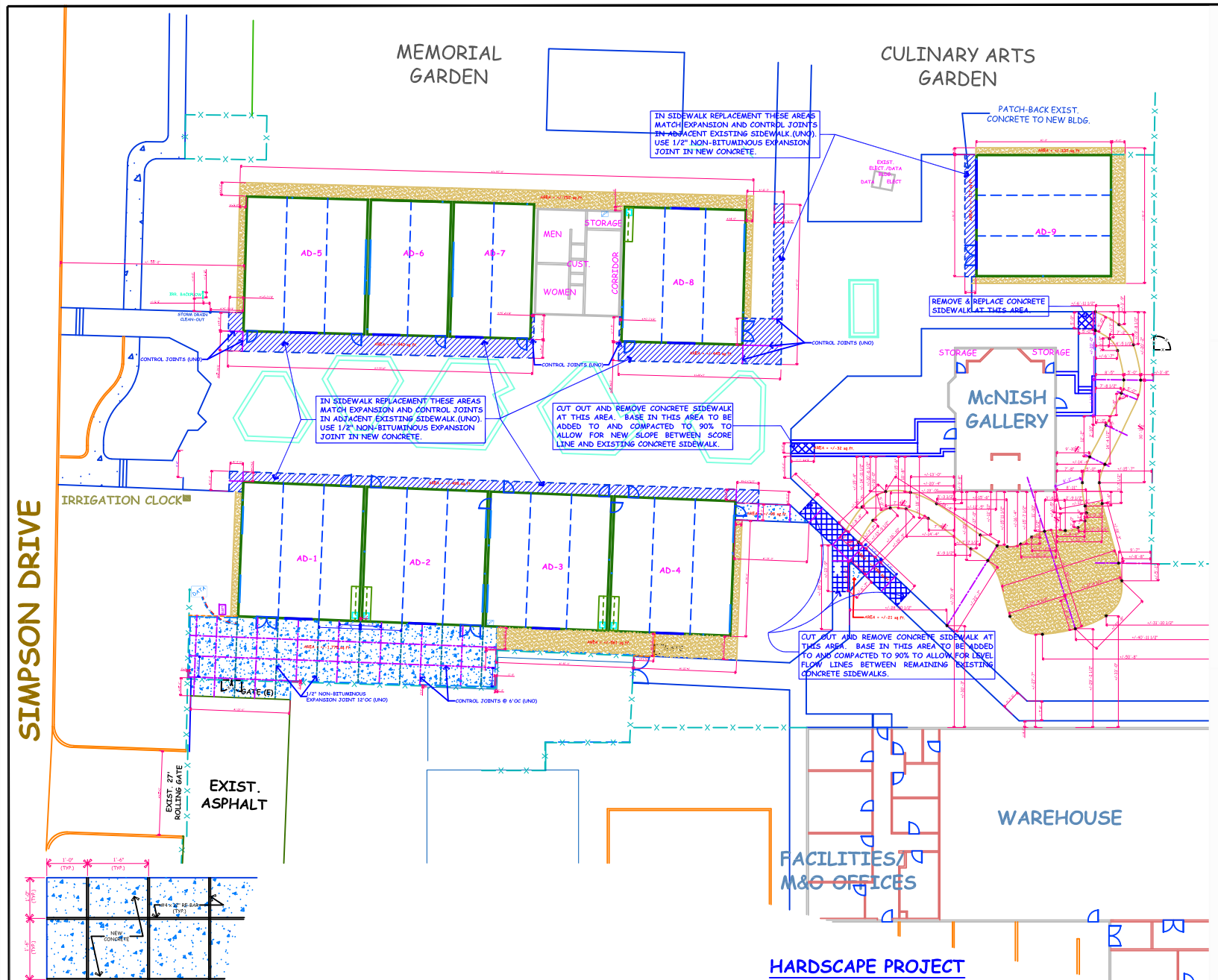
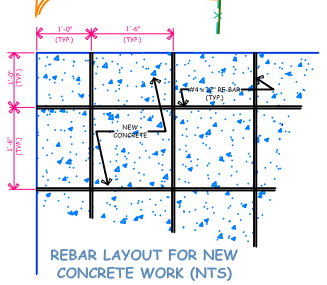
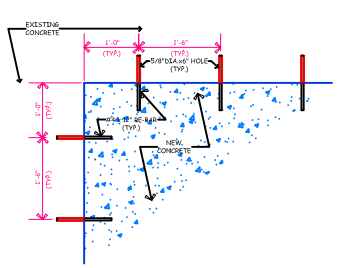




REBAR LAYOUT FOR NEW CONCRETE WORK (NTS)



DETAIL AT NEW AND EXISTING CONCRETE JOINT (NTS)

HARDSCAPE PROJECT GENERAL NOTES

1. SEE SPECIFIC SPECIFICATIONS FOR HARDSCAPE MATERIALS AND INSTALLATION PROCEDURES.
2. ALL NEW CONCRETE TO BE SLOPED AWAY FROM ANY BUILDING STRUCTURES.
3. ALL NEW CONCRETE TO BE INSTALLED TO PREVENT PONDING AT ANY SURFACES INCLUDING BUT NOT LIMITED TO JOINTS AT NEW AND EXISTING CONCRETE.
4. WHERE POURING NEW CONCRETE ADJACENT TO EXISTING USE #4 x 12" REBAR EPOXIED INTO IMBEDS 6" DEEP 18" ON CENTER, NO CLOSER THAN 12" FROM EDGE OF NEW CONCRETE. (SEE DETAILS SHEET 2).
5. WHERE NEW CONCRETE MEETS EXISTING CONCRETE AND WHERE POURED UP TO BUILDINGS USE 1/2" THICK NON-BITUMINOUS EXPANSION JOINTS.
6. ALL AREAS RECEIVING CONCRETE OR DG SHALL BE BACKFILLED WITH NATIVE SOIL (ON SITE) IN 1'-0" LIFTS COMPACTED TO 90%.
7. AREAS RECEIVING CONCRETE SHALL BE BACKFILLED TO A MAXIMUM HEIGHT THAT ALLOWS FOR 4" OF BASE MATERIAL AND 4" OF CONCRETE TO ACHIEVE REQUIRED FINISHED SURFACE ELEVATION.
8. AREAS RECEIVING DG SHALL BE BACKFILLED TO A MAXIMUM HEIGHT THAT ALLOWS FOR 4" OF DG TO ACHIEVE REQUIRED FINISHED SURFACE ELEVATION.

SECTION 32 15 40
STABILIZED DECOMPOSED-GRANITE SURFACING

PART 1 – GENERAL
1.1 SUMMARY
A. Section Includes:
Naturally-occuring decomposed granite and crushed stone surfacing as shown on Drawings and specified herein. Including sub-grade, base material, edging and related accessories.
B. Related Sections:
1. Grading
2. Base Material
3. Decomposed Granite (DG), crushed aggregate.
4. Forming/Edging
5. Weed Control

1.2 ACTION SUBMITTALS
A. Product Data: Manufacturer's literature completely describing all components of the decomposed granite surfacing system, including:
1. Preparation instructions and recommendations.
2. Installation methods and application procedures.
B. Samples for Verification:
1. Submit samples of each of the following:
a) Three-pound sample of each type and color of decomposed granite surfacing material.
b) Edging material, each type not less than 12 inches long.
c) Weed control fabric, 12-inch square with manufacturer's product details attached.

1.3 QUALITY ASSURANCE
A. Manufacturer:
Company specializing in manufacturing Work of this Section with minimum 25 years documented experience.
B. Contractor:
1. May be one of the following for the installation of all portions of the work associated with the decomposed granite portions of the project:
a) Class "A" - General Engineering Contractor
b) Class "C-8" - Concrete Contractor
c) Class "C-27" - Landscaping Contractor.
2. Contractor must have a minimum of seven (7) years of Decomposed Granite Installation experience including but not limited to:
a) Grade preparation and compaction.
b) Working in a California Community College environment.
3. Single Source Responsibility: Obtain each type of decomposed granite surfacing from single manufacturer.

1.4 DELIVERY, STORAGE, AND HANDLING
A. Bagged Materials:
Accept delivery of materials only in unopened and undamaged containers bearing the brand name and manufacturer's identification.
B. Bulk Materials:
1. Each load of decomposed granite surfacing material arriving at the job site in bulk shall be accompanied by a delivery ticket containing the following minimum information:
a) Quarry of origin.
b) Amount, weight and type or material.
c) Brand name and manufacturer's identification.
2. Protect decomposed granite surface surfacing materials from contamination until ready for installation. Store under cover.

1.5 PROJECT CONDITIONS
A. Surfaces to receive decomposed granite surfacing shall be frost free and free of oil or any other foreign matter, which may impair the proper installation of the surfacing system.
B. Do not install decomposed granite surfacing when subbase course is muddy or saturated with standing water.
C. Perform work in dry weather when subgrade is sufficiently stable to be properly compacted.

PART 2 – PRODUCTS
2.1 ACCEPTABLE MANUFACTURER
A. Manufacturer: Provide "Stabilizer" Decomposed Granite surfacing system by the following:
1. S & M Sales, 17124 Sierra Hwy., Santa Clarita, CA 91351 Ph: (661)252-4735 Fax: (661)299-1547
2. Western Materials, 28033 Avenue Sherman, Unit 209, Valencia CA 91355 (888) 944-9994
B. Substitutions: Permissible with prior approval from Oxnard College Director of Facilities.

2.2 STABILIZED DECOMPOSED GRANITE SURFACING MATERIALS
A. Decomposed Granite and Crushed Stone Aggregate:
1. DG shall have a 3/8" maximum gradation, produced from naturally friable rock/granite with enough fines to produce a smooth walking surface. Materials should be free from clay lumps, organic matter, and deleterious material (asphalt). Blends of coarse sand and rock dust are not acceptable.
2. Use a single source for the entire quantity required.
3. Gradation, in accordance with ASTM C136.
4. Color to be selected by Facilities Director from manufacturer's standard colors.

2.3 SUBBASE COURSE MATERIALS
A. Base Material:
1. Grimes Rock, Inc. "Natural Road Base" or approved equal.
2. Base material shall be 100% recycled material.
3. Base material shall not contain asphalt.
4. Base material is not required to have Class 2 gradation.

2.4 ACCESSORIES
A. Water:
Clean and potable, free from contaminants that would be deleterious to the decomposed granite surfacing.
B. Forming/Edging:
1. Where straight edges are required (around buildings) use 2x4 composite lumber staked at a maximum of 3' on center (oc).
2. For pathways and outdoor teaching area use 4" composite bender board staked at a maximum of 3' on center(oc).
3. Stakes for edging/forming shall be composite material a minimum of 18" long. Stakes shall be driven in so top of stake is even with top of edging/forming.
4. Stakes to be secured to edging/forming with coated deck screws to prohibit rusting and decomposing.
C. Weed Control
1. Non-Woven 4 oz Geotextile Landscape Fabric.
2. Use at all areas receiving Decomposed Granite.
3. Extend weed control fabric a minimum of 6 inches outside of edge/form boards.

PART 3 – EXECUTION
3.1 EXAMINATION
A. Examine areas and conditions under which Work of this Section will be performed.
B. Walk project site with Facilities Director for clarity of any items of concern to accomplish a timely and proper completion of Work.
C. Lay out work prior to the commencement of installation.

3.2 PREPARATION
A. Subgrade Preparation:
1. Areas directly adjacent to buildings:
a) Shall be backfilled in maximum 12" lifts with native soil (stored on-site).
b) Each 12" lift shall be compacted to 95% and verified by soils engineer.
c) Final lift of native soil elevation to terminate 8" from finish grade allowing for 4" of Base material (compacted to 95%) and 4" of Decomposed Granite.
2. Pathways and Outdoor Teaching Area:
a) Shall be graded and/or filled to allow for 4" of Base material and 4" of Decomposed Granite.
b) Grading and compaction of native soil shall extend 6" outside of edge/form boards.
b) Before spreading base material, compact graded native soil to 95% and have compaction verified by soils engineer.

3.3 INSTALLATION
A. Weed Control Fabric:
1. Weed Control Fabric to be wet on top of base material.
2. Extend weed control fabric a minimum of 6 inches outside of edge/form boards at all areas receiving decomposed granite.
B. Forming/Edging:
1. Forming/Edging for DG adjacent to buildings shall be straight and true, installed parallel to building sides with 90 deg. angles.
a) Stained at a maximum of 36 inches on center.
b) Stakes shall be driven in to insure top of stakes are even with top of forming/edging.
c) Stakes shall be secured to forming/edging with coated deck screws to prohibit rusting.
2. Forming/Edging for DG at Pathways and Teaching Area shall be laid out per plan.
a) Stained at a maximum of 36 inches on center.
b) Stakes shall be driven in to insure top of stakes are even with top of forming/edging.
c) Stakes shall be secured to forming/edging with coated deck screws to prohibit rusting.
C. Base Material
1. Areas directly adjacent to buildings:
a) Place the subbase coarse aggregate free from ridges, depressions or hollows. Rake and compact to 95% Standard Proctor Density verified by soils engineer.
b) Top of Base material shall be high enough to allow for a 2% slope away from any portion of adjacent building for the finished grade of Decomposed Granite.
2. Pathways and Outdoor Teaching Area:
a) Place the subbase coarse aggregate free from ridges, depressions or hollows. Rake and compact to 95% density verified by soils engineer.
b) Surface (Finished Grade) of pathways and teaching area shall be a minimum of 4" above surrounding landscape areas.
c) Pathways shall have a surface cross slope not to exceed 2%, and a path of travel slope not to exceed 5%. Finished elevation of Teaching Area shall have no slope in any direction exceeding 2%.
d) Lightly spray surface area following compaction. Do not disturb aggregate surface with spray action.
3. INSTALLATION OF DECOMPOSED GRANITE SURFACING
a) Spread decomposed granite surfacing material evenly and smoothly before compacting. Screed if possible.
b) Wet the mix to ensure water has penetrated the full depth of the decomposed granite surfacing material, roll to form a uniform, smooth surface with a cross slope of 2% maximum. Compact each to a minimum 95% density.
c) Grade and smooth to the required elevation; compact final lift with 1-3 ton drum roller or compactor.
d) Surface shall follow grades per plans. Remove crowns, allow 1-2% cross pitch.
f) Completed surface shall be of consistent quality and shall not have depressions or humps greater than 1/4-inch in 10-feet.

3.5 INSTALLATION TOLERANCES
A. Subbase Course: plus or minus 1/2-inch.
B. Surface Course: Plus 1/4-inch, no minus.
C. Decomposed Granite Surfacing Smoothness: Produce a surface smoothness within 1/4-inch tolerance when measured with a 10-foot straightedge.

3.6 CLEAN UP AND PROTECTION
A. Thoroughly clean all areas where work has occurred. Remove from site excess material, debris and rubbish.
B. Take all precautions necessary to protect completed work until Substantial Completion of project.

END OF SECTION

LEGEND

- AREA TO REPLACE CONCRETE FROM NEW BLDG. FACE TO EXTENT OF CUT.
- AREA TO RECEIVE NEW CONCRETE
- AREA TO REMOVE AND REPLACE WITH NEW CONCRETE
- AREA TO RECEIVE DECOMPOSED GRANITE (DG)

03 13 00
CONCRETE PAVING

PART 1 - GENERAL
1.00 SUMMARY
A. PROVIDE CONCRETE PAVING, BOTH IMPERVIOUS AND BASE COURSES AS INDICATED ON THE DRAWINGS AND AS SPECIFIED. DESIGNED FOR PEDESTRIAN AND LIGHT DUTY COMMERCIAL VEHICLE TRAFFIC.

1.01 SECTIONS INCLUDE
A. CONCRETE WALKS, STAIRS, RAMPS, COURTYARD AND PARKING AREA CONCRETE PAVING AND FINISHING; RELATED FORM WORK, REINFORCING AND ACCESSORIES.
B. SAND BASE COURSE, MATERIAL, PLACEMENT AND COMPACTION.
C. FIBEROUS CONCRETE REINFORCEMENT (ALL CONCRETE PAVING).
D. INTEGRAL COLORING (PAVING AS SHOWN).
E. FINISH SAMPLES, JOB SITE MOCK-UPS.

1.02 REFERENCES
A. THE PUBLICATIONS LISTED BELOW FORM A PART OF THIS SPECIFICATION TO THE EXTENT REFERENCED.
B. UNLESS OTHERWISE NOTED, STANDARDS, MANUALS, AND CODES REFER TO THE LATEST EDITION AS OF THE DATE OF ISSUE OF THIS SPECIFICATION.

1.03 SUBMITTALS
A. PRODUCT DATA: MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR EACH TYPE OF CONCRETE PAVING REQUIRED.
B. CERTIFICATES: CERTIFICATION THAT PRODUCTS PROPOSED FOR USE COMPLY WITH CRITERIA SPECIFIED.

1.04 QUALITY ASSURANCE
A. COMPLY WITH ALL APPLICABLE CODES OF THE CITY OF OXNARD, AND STATE OF CALIFORNIA THAT APPLY TO CONCRETE SIDEWALKS AND RAMPS FOR ACCESSIBILITY.
B. PERFORM WORK IN ACCORDANCE WITH 2019 BUILDING CODE.
C. PERFORM WORK IN ACCORDANCE WITH APPLICABLE PORTIONS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWD "GREENBOOK"), 2006 EDITION.
D. CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI STANDARD SPECIFICATIONS FOR CAST-IN-PLACE ARCHITECTURAL CONCRETE, ACI 303.1, PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE, FARMINGTON HILLS, MIC HIGAN, EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THESE CONTRACT DOCUMENTS.

1.05 DELIVERY, STORAGE, AND HANDLING
A. DELIVER MATERIALS TO PROJECT SITE IN MANUFACTURERS' ORIGINAL PACKAGING.
B. STORE MATERIALS OFF GROUND, PROTECTED AGAINST WEATHER, CONDENSATION, AND DAMAGE.
C. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR HANDLING, STORAGE, AND PROTECTION DURING INSTALLATION.

1.06 QUALIFICATIONS
A. CONCRETE INSTALLERS: COMPANY CURRENTLY SPECIALIZING IN PERFORMING THE WORK OF THIS SECTION WITH A MINIMUM OF FIVE YEARS CURRENT CONTINUOUS EXPERIENCE.
B. CONCRETE FINISHERS: ONLY TRAINED AND EXPERIENCED CONCRETE FINISHERS ARE ACCEPTABLE WITH A MINIMUM OF FIVE YEARS CURRENT CONTINUOUS EXPERIENCE.
C. A CALIFORNIA CONTRACTOR'S STATE LICENSE BOARD CLASS B OR CLASS C-8 LICENSE IS REQUIRED.

1.07 PRE-INSTALLATION CONFERENCE
A. CONVENE A CONFERENCE TWO WEEKS PRIOR TO COMMENCING WORK OF THIS SECTION.
B. REQUIRE ATTENDANCE OF PARTIES DIRECTLY AFFECTING THE WORK OF THIS SECTION.
C. REVIEW FIBEROUS CONCRETE REINFORCEMENT. REVIEW CONCRETE MIX DESIGN.
D. REVIEW REQUIREMENTS FOR CONCRETE INSTALLATION AND PREPARATION FOR INSTALLATION; REVIEW RECOMMENDED LOCATION OF CONTROL AND CONSTRUCTION JOINTS.

PART 2 - PRODUCTS
2.00 ACCEPTABLE MANUFACTURERS
A. ALL PRODUCTS OFFERED AS EQUIVALENT TO THE SPECIFIED MANUFACTURER'S PRODUCTS LISTED HEREIN SHALL BE EQUIVALENT TO ALL THE PROPERTIES, SPECIFICATIONS, APPEARANCE, CONFORMANCE TO STANDARDS, FINISH AND FUNCTION OF THE SPECIFIED MANUFACTURER'S PRODUCT.

2.01 CONCRETE
A. IMPERVIOUS CONCRETE:
1. CONCRETE FOR IMPERVIOUS WALKS AND GUTTERS SHALL BE HARDROCK WITH A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF FC = 2,500 PSI AND CONFORM TO ASTM C-94. FINISH SHALL BE BROOM FINISH AS INDICATED ON PLANS.
2. CEMENT: ASTM C150, TYPE I OR II, GRAY.
3. AGGREGATE: ASTM C33, NON-REACTIVE, 1 INCH MAXIMUM.
B. CEMENT: ASTM C150, TYPE I OR II, , GRAY.
C. ADMIXTURES:
1. IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
2. TYPE A, B, OR D WATER REDUCING AND/OR RETARDING – PER ASTM C 494 & 494. SLUMP: MAXIMUM SLUMP 4 INCHES.

2.02 REINFORCING STEEL
A. ALL REINFORCING BARS SHALL BE FREE OF RUST, GREASE, MILL SCALE OR ANY MATERIAL WHICH MIGHT AFFECT ITS BOND TO CONCRETE. AL. BAR BENDS SHALL BE MADE COLD.
B. REINFORCING STEEL SHALL BE DEFORMED AND SHALL CONFORM TO ASTM A-615, MINIMUM 40 GRADE.
C. CHAIRS, BOLSTERS, BAR SUPPORTS, SPACERS: SIZED AND SHAPED FOR SUPPORT OF REINFORCING AS REQUIRED.

2.03 FORM MATERIALS
A. LUMBER: SMOOTH SURFACES, CLEAR WOOD BOARDS, SINGLE WIDTH.

2.04 SLAB EDGE AND EXPANSION JOINTS
A. SLAB EDGE AND EXPANSION FILLER:
1. EXPANSION JOINTS SHALL BE NON BITUMINOUS, 1/2" THICKNESS, MEETING ASTM STANDARD D-1751. (HOMEX 300 OR EQUAL).

2.05 CURING COMPOUND
A. PROVIDE LIQUID-CURING COMPOUND, ASTM C309, CLEAR.

2.06 COLOR : N/A

2.07 BASE MATERIAL
A. SAND BASE: SAND SHALL BE WASHED AND CONFORM TO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPW "GREENBOOK"), 200-2.5, SAND FOR PORTLAND CEMENT CONCRETE. USE FOR ALL PEDESTRIAN TRAFFIC CONCRETE PAVING. MINIMUM THICKNESS OF 3 INCHES.

PART 3 EXECUTION
3.01 SURFACE CONDITIONS
A. TAKE ADEQUATE PRECAUTIONS FOR MIXING, PLACING, FINISHING, CURING, AND PROTECTING CONCRETE DURING UNFAVORABLE WEATHER CONDITIONS.
B. PRIOR TO ALL WORK OF THIS SECTION, CAREFULLY INSPECT THE INSTALLED WORK OF ALL OTHER TRADES AND VERIFY THAT ALL SUCH WORK IS COMPLETE TO THE POINT WHERE THIS INSTALLATION MAY PROPERLY COMMENCE.
C. ALL CONCRETE SHALL BE PROPERLY CONSOLIDATED DURING PLACEMENT. ALL REINFORCING STEEL SHALL BE PROPERLY SECURED IN THE PLACE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT. SUPPORT REINFORCEMENT ON BLOCKS.
D. VERIFY THAT CONCRETE MAY BE PLACED TO THE LINES AND ELEVATIONS INDICATED ON THE DRAWINGS, WITH ALL REQUIRED CLEARANCE FROM REINFORCEMENT.
E. LAY OUT PAVING SURFACES TO SLOPE AND DRAIN AWAY FROM BUILDINGS.

3.02 FORMING
A. PLACE AND SECURE FORMS TO CORRECT LOCATION, DIMENSION, AND PROFILE. FORMS SHALL BE CONSTRUCTED TO SLOPES AS SHOWN. FORMS SHALL BE PLUMB, STRAIGHT, AND SUFFICIENTLY TIGHT TO PREVENT LEAKAGE. DO NOT COAT FORMS WITH MATERIALS THAT WILL STAIN OR INJURE THE CONCRETE.
B. PLACE EXPANSION FILLER IN JOINTS, VERTICLE IN POSITION, IN STRAIGHT LINES. SECURE TO FORMWORK.
C. PLACE EXPANSION JOINTS AS INDICATED. ALIGN POINTS.
D. PLACE JOINT FILLER BETWEEN PAVING COMPONENTS AND OTHER APPURTENANCES.
E. INSERTS, SLEEVES AND OTHER SUCH ITEMS SHALL BE ACCURATELY, PROPERLY AND SECURELY INSTALLED IN COOPERATION WITH THE WORK OF OTHER SECTIONS. AMPLE NOTICE AND OPPORTUNITY TO INTRODUCE AND FURNISH EMBEDDED ITEMS SHALL BE GIVEN TO WORK OF OTHER SECTIONS.

3.03 REINFORCEMENT PLACEMENT
A. PLACE REINFORCEMENT, SUPPORTED AND SECURED AGAINST DISPLACEMENT.
B. ENSURE REINFORCING IS CLEAN, FREE OF LOOSE SCALE, DIRT, OR OTHER FOREIGN COATINGS.

3.04 PREPARATION
A. REMOVE ALL SCRAPS AND DEBRIS FROM THE AREAS IN WHICH CONCRETE WILL BE PLACED.
B. THOROUGHLY CLEAN THE AREAS TO ENSURE PROPER PLACEMENT AND BONDING OF CONCRETE.
C. THOROUGHLY WET THE FORMS OR, THEN, REMOVE ALL STANDING WATER.
D. THOROUGHLY CLEAN ALL TRANSPORTATING AND HANDLING EQUIPMENT.
E. COMPACT BASE TO 90 PERCENT RELATIVE COMPACTION PER ASTM D2557.

3.05 PLACING CONCRETE
A. DO NOT PLACE CONCRETE WHEN MSE SURFACE TEMPERATURE IS LESS THAN 40 DEGREES F, OR SURFACE IS WET.
B. REMOVE DEBRIS, CLODS, ROCKS, LOOSE DIRT, AND WATER FROM ALL PLACES TO BE OCCUPIED BY CONCRETE AND THOROUGHLY DAMP ALL FORMS AND BASE MATERIAL JUST PRIOR TO POURING CONCRETE. CONCRETE SHALL NOT BE PLACED IN WATER, ON UNSTABLE SOIL, OR DURING PERIODS OF PRECIPITATION.
C. FOR THOSE OTHER REINFORCEMENT OR FORMWORK COMPONENTS DURING CONCRETE PLACEMENT.
D. FOR PUMPING, PLAINPING AND PNEUMATICALLY CONVEYING CONCRETE, USE ONLY EQUIPMENT OF SUCH SIZE AND DESIGN AS TO ENSURE A PRACTICALLY CONTINUOUS FLOW OF CONCRETE AT THE DELIVERY END, WITHOUT LOSS OR SEPARATION OF MATERIALS.
E. DEPOSIT CONCRETE AS NEARLY AS POSSIBLE IN ITS FINAL POSITION TO AVOID SEGREGATION DUE TO REHANDLING AND FLOWING.
F. PLACE CONCRETE AS DRY AS POSSIBLE CONSISTENT WITH GOOD WORKMANSHIP, NEVER EXCEEDING THE MAXIMUM SPECIFIED SLUMP.
G. PLACE CONCRETE AT SUCH A RATE THAT CONCRETE IS AT ALL TIMES PLASTIC AND FLOWS READILY BETWEEN BARE BARS.
H. WHEN PLACING IS ONCE STARTED, CARRY IT ON AS A CONTINUOUS OPERATION UNTIL PLACEMENT OF THE PANEL OR SECTION IS COMPLETE.
I. THOROUGHLY CONSOLIDATE ALL CONCRETE BY SUITABLE MEANS DURING PLACEMENT, WORKING IT AROUND ALL EMBEDDED FIXTURES AND INTO CORNERS OF FORMS.
J. DURING PLACEMENT, THOROUGHLY COMPACT THE CONCRETE BY HAND TAMPING AND BY MECHANICAL VIBRATION.
K. PROVIDE CONSTRUCTION AND CONTRACTION JOINTS AS SHOWN ON DRAWINGS, MAXIMUM 20 FOOT INTERVALS IN ANY DIRECTION. LOCATION AND ALIGNMENT OF JOINTS TO BE APPROVED BY COLLEGE DIRECTOR OF FACILITIES OR DESIGNEE PRIOR TO PLACING CONCRETE.
L. REMOVE FORMS ONLY WHEN CONCRETE HAS DEVELOPED SUFFICIENT STRENGTH TO SAFELY SUSTAIN ITS OWN WEIGHT AND ANY SUPERIMPOSED LOADS.

3.06 TOLERANCE
A. CONCRETE PLANES SHALL BE CHECKED WITH A TEN-FOOT STRAIGHTEDGE IN TWO DIRECTIONS. THERE SHALL BE NO HIGH SPOTS OR LOW SPOTS GREATER THAN 1/8" IN TEN FEET. ALL EDGES SHALL BE STRAIGHT AND TRUE.

3.07 FINISH
A. CONCRETE FINISH FOR WALKS SHALL BE MEDIUM BROOM FINISH, NATURAL GRAY.
B. SLOPE WALKS AND PAVING TO SHED WATER. MAINTAIN AN 1/8 INCH RADIUS AND TROWEL ALL JOINT AND PAVING EDGES.
C. CONCRETE MIX CONTROL SHALL BE MAINTAINED TO PROVIDE CONSISTENT BATCH TO BATCH UNIFORMITY. ALL FINE AND COARSE AGGREGATE SHALL BE TOTALLY NON-REACTIVE.

3.08 SCORE LINES AND EXPANSION JOINTS
A. TOOLED SCORE LINES SHALL BE STRAIGHT AND SHALL BE OF THE PROPER ALIGNMENT AS SHOWN ON THE DRAWINGS. THE SCORE DEPTHS SHALL BE APPROVED PRIOR TO FINISHING.
B. SAWCUT SCORE LINES SHALL BE 1/4" X 1 ½" STRAIGHT AND SHALL BE OF THE PROPER ALIGNMENT AS SHOWN ON THE DRAWINGS. THE SCORE DEPTHS SHALL BE APPROVED PRIOR TO FINISHING.
C. EXPANSION JOINTS SHALL BE STRAIGHT, IN LINE AND PLUMB. INSTALL WITH BACKER ROD AND COLORED SEALANT AS PER DETAILS.

3.09 CURING AND PROTECTION
A. FRESHLY DEPOSITED CONCRETE SHALL BE PROTECTED FROM PRE MATURE DRYING AND EXCESSIVELY HOT OR COLD TEMPERATURES, AND SHALL BE MAINTAINED WITHOUT DRYING AT A RELATIVELY CONSTANT TEMPERATURE FOR THE PERIOD OF TIME NECESSARY FOR THE HYDRATION OF THE CEMENT AND PROPER HARDENING OF THE CONCRETE. APPLY LIQUID CURING COMPOUND AS SOON AS FINISHING IS COMPLETE, WITHIN 2 HOURS, AND IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.
B. DO NOT PERMIT PEDESTRIAN OR VEHICULAR TRAFFIC OVER PAVEMENT FOR 7 DAYS MINIMUM AFTER FINISHING.

END OF SECTION

OXNARD COLLEGE
NEW ART / DESIGN COMPLEX SITE PLAN
HARDSCAPE REPAIRS AND REPLACEMENT

NORTH

01/21/2022