

IMPROVEMENT PLANS  
FOR  
19 S CENTRAL AVE  
19 S CENTRAL AVENUE  
LODI, CA 95240

ALL PERMITS WILL BE SECURED BY THE OWNER AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE CONDITIONS

THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF AN AIRBORNE DUST NUISANCE AND SHALL BE

THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR

THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR THE POLICE, FIRE AMBULANCE, AND THOSE AGENCIES

LENGTHS OF SANITARY SEWERS AND STORM DRAINS SPECIFIED ARE HORIZONTAL DISTANCES AS MEASURED FROM CENTERS OF

EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL PERFORM AT THEIR EXPENSE A FIELD OBSERVATION LOCATING ALL EXISTING UTILITIES INCLUDING ELEVATIONS AND NOTIFY THE OWNER AND THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTING LOCATIONS OF UTILITIES SHOWN ON THESE PLANS. ANY ADDITIONAL COST INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF THE EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY

CONTRACTOR TO VERIFY ALL EXISTING INVERT ELEVATIONS FOR STORM DRAIN AND SANITARY SEWER CONSTRUCTION PRIOR TO ANY WORK. ALL WORK FOR STORM DRAIN AND SANITARY SEWER INSTALLATION SHALL BEGIN AT THE DOWNSTREAM CONNECTION POINT. THIS WILL ALLOW FOR ANY NECESSARY ADJUSTMENTS TO BE MADE PRIOR TO THE INSTALLATION OF THE ENTIRE LINE. IF THE CONTRACTOR FAILS TO BEGIN AT THE DOWNSTREAM CONNECTION POINT AND WORKS UPSTREAM, HE SHALL PROCEED AT HIS OWN RISK

CONTRACTOR SHALL UNCOVER AND EXPOSE ALL EXISTING UTILITY AND SEWER LINES WHERE THEY ARE CROSSED ABOVE OR BELOW BY THE NEW FACILITY BEING CONSTRUCTED IN ORDER TO VERIFY THE GRADE AND TO ASSURE THAT THERE IS SUFFICIENT CLEARANCE. PIPES SHALL NOT BE STRUNG NOR TRENCHING COMMENCED UNTIL ALL CROSSINGS HAVE BEEN VERIFIED FOR CLEARANCE. IF THE CONTRACTOR FAILS TO FOLLOW THIS PROCEDURE HE WILL BE SOLELY RESPONSIBLE FOR ANY EXTRA WORK OR MATERIAL REQUIRED IF

ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO

CONTRACTOR TO TAKE NECESSARY PRECAUTIONARY MEASURES TO PREVENT SOIL EROSION AND SEDIMENTATION. EXISTING AND PROPOSED DRAINAGE STRUCTURES TO BE TEMPORARILY COVERED WITH FILTER FABRIC OR EQUAL UNTIL SURROUNDING PAVEMENT IS

ANY RELOCATION OF UTILITIES SHALL BE COORDINATED WITH THE OWNER AND CONDUCTED IN ACCORDANCE WITH ANY AND ALL REQUIREMENTS OF THE OWNER, INCLUDING FEES, BONDS, PERMITS AND WORKING CONDITIONS, ETC. THE OWNER SHALL PAY THE FEES, BONDS, AND FILE THE APPROPRIATE PERMITS FOR ALL SUCH RELOCATION WORK. ALL ON- SITE UTILITY WORK IS THE RESPONSIBILITY

IF ARCHAEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING OR OTHER EXCAVATION, EARTHWORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF CALIFORNIA ARCHAEOLOGY (SCA) AND/OR THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.

THESE PLANS DO NOT SPECIFY NOR RECOMMEND THE USE OR INSTALLATION OF ANY MATERIAL OR EQUIPMENT WHICH IS MADE FROM, OR WHICH CONTAINS ASBESTOS FOR USE IN THE CONSTRUCTION OF THESE IMPROVEMENTS. ANY PARTY INSTALLING OR USING SUCH MATERIALS OR EQUIPMENT SHALL BE SOLELY RESPONSIBLE FOR ALL INJURES, DAMAGES, OR LIABILITIES, OF ANY KIND, CAUSED BY THE USE OF SUCH MATERIALS, OR EQUIPMENT. NOTIFY OWNER WHEN DISCOVERING ASBESTOS MATERIALS. REFER TO SPECIFICATION 'HAZARDOUS MATERIALS PROCEDURES AND CONTROL' AND 'HAZARDOUS MATERIALS ABATEMENT AND CONTROL.'

THE CONTRACTOR SHALL MEET AND FOLLOW ALL (NPDES) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM REQUIREMENTS IN

SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.

CONTRACTOR SHALL ARRANGE, INSTALL, AND PAY FOR ANY TEMPORARY UTILITIES, INCLUDING BUT NOT LIMITED TO TELEPHONE, ELECTRIC, SEWER, WATER, ETC. THE CONTRACTOR IS TO COORDINATE ANY SUCH UTILITY NEEDS WITH THE OWNER.

ALL SITE AREAS SHALL BE GRADED AT 1% MINIMUM FOR DRAINAGE UNLESS OTHERWISE NOTED OR ALONG FLOWLINES OF CONCRETE

ESTIMATED EARTHWORK QUANTITIES SHOWN ARE APPROXIMATE ONLY AND SHOWN FOR THE PURPOSES OF ESTIMATING GRADING

WHERE EXISTING STRUCTURES ARE TO REMAIN IN CONSTRUCTION ZONE AREA, CONTRACTOR SHALL ADJUST RIMS OF THESE STRUCTURES, I.E. CATCH BASINS, VALVE BOXES, CLEAN OUTS, UTILITY BOXES, ETC. TO NEW FINISH GRADE.

CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT FOR NORTHERN CALIFORNIA AT LEAST 48 HOURS (2 WORKING DAY)

THE ORGANIC MATERIAL COVERING THE SITE SHALL BE STRIPPED AND STOCKPILED. THE STRIPPINGS SHALL BE USED TO BACKFILL ALL LANDSCAPE PLANTERS AND ROUGH GRADE MOUND AREAS, AS SHOWN ON LANDSCAPE DRAWINGS, TO WITHIN 1" OF GRADES SHOWN. EXCESS STRIPPINGS AND EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.

ADJUSTMENTS TO PAD ELEVATIONS OR PARKING LOT GRADES TO ACHIEVE EARTHWORK BALANCE SHALL BE MADE ONLY WITH

STORM DRAIN PIPES DESIGNATED AS SD FROM 4" TO 24" IN DIAMETER SHALL BE SDR-35 PVC, (GREEN-TITE PIPE BY MANVILLE OR APPROVED EQUAL), CLASS HDPE SMOOTH INTERIOR PIPE PER ASTM D3212 HANCOR SURE-LOK WT PIPE OR APPROVED EQUAL WITH CLASS 1 BACKFILL OR DUCTILE IRON PIPE DIP, IF SPECIFIED ON PLANS. NO MATERIAL SUBSTITUTE SHALL BE ALLOWED FOR DUCTILE IRON PIPE. ANY PIPES LARGER THAN 24" IN DIAMETER SHALL BE CLASS III REINFORCED CONCRETE PIPE RCP. PVC PIPE EXCEEDING 24"

PROPOSED SPOT GRADES (ELEVATIONS) SHOWN HEREON ARE FINISHED PAVEMENT GRADES, NOT TOP OF CURB GRADES, UNLESS

THE CONTRACTOR SHALL VERIFY THE CONTENTS AND THICKNESS OF THE BUILDING SLAB SECTION (I.E. CONCRETE, SAND, ROCK) WITH THE STRUCTURAL PLANS AND THE ELEVATIONS SHOWN HEREON PRIOR TO COMMENCEMENT OF GRADING.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE

WHERE OFF-SITE DRIVEWAY APPROACHES ARE TO BE CONSTRUCTED THE ON-SITE DRIVEWAY SHALL NOT BE CONSTRUCTED UNTIL THE OFF-SITE IMPROVEMENTS ARE INSTALLED. THE ON-SITE DRIVEWAY SHALL CONFORM TO THE COMPLETED OFF-SITE DRIVEWAY.

C

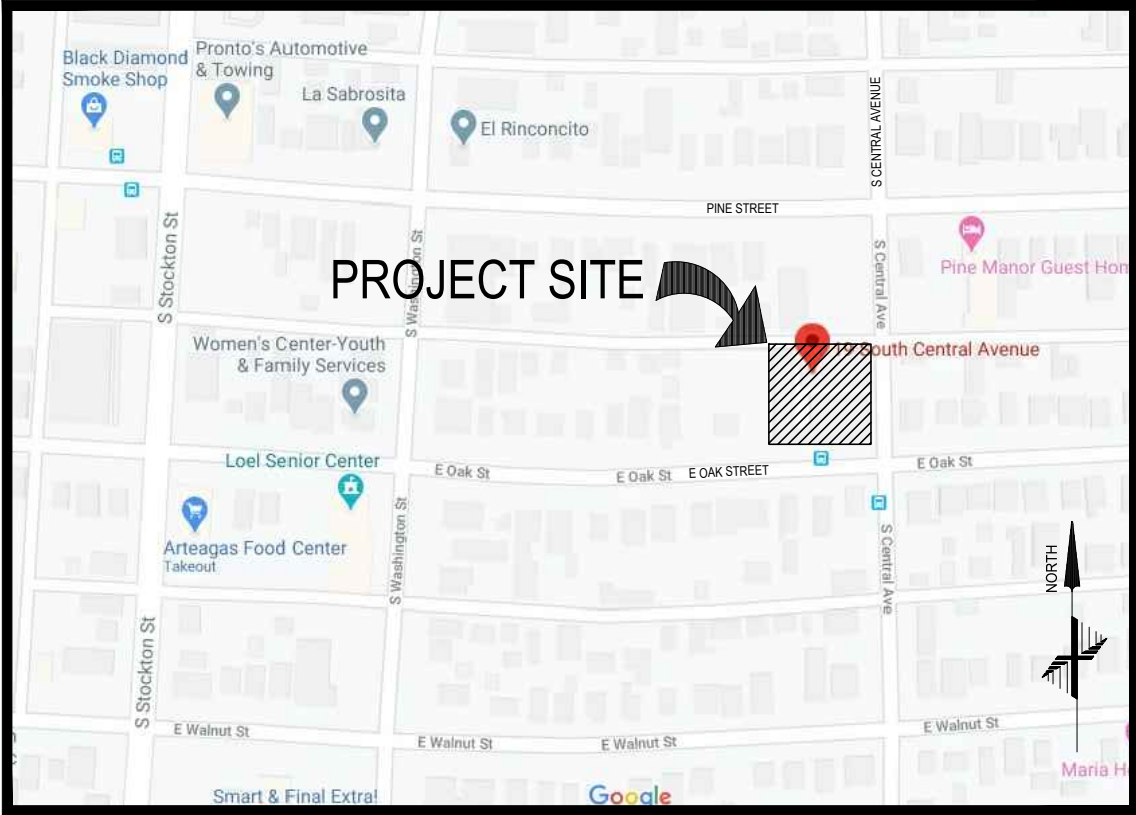
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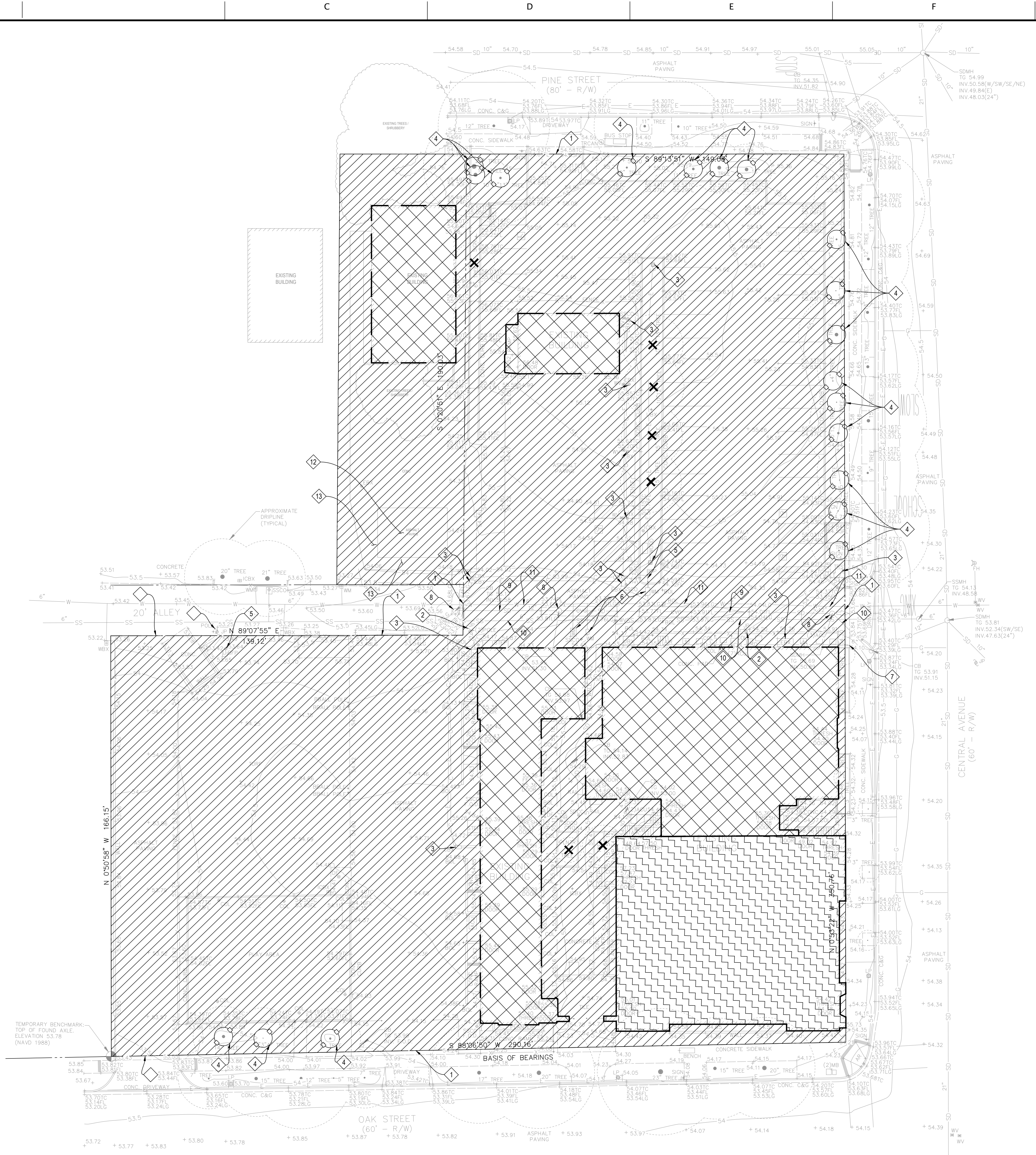
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DEMOLITION LEGEND

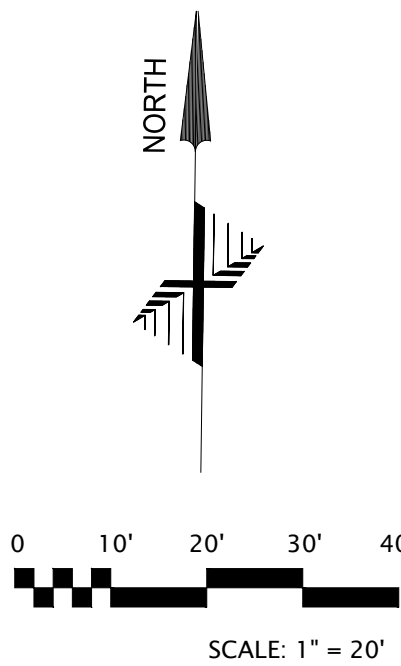
- [Symbol] TREE TO BE REMOVED. SEE LANDSCAPE PLANS.
- [Symbol] DEMOLITION AREA - ALL SITE FEATURES WITHIN THIS AREA ARE TO BE REMOVED, UNLESS NOTED TO REMAIN.
- [Symbol] EXISTING BUILDING STRUCTURE TO BE DEMOLISHED
- [Symbol] EXISTING BUILDING STRUCTURE TO BE DEMOLISHED; BUILDING HAS BASEMENT AND REQUIRES BACKFILL; REFER TO GEOTECHNICAL REPORT FOR RECOMMENDED BACKFILL.
- [Symbol] TREE PROTECTION TREES TO REMAIN

DEMOLITION KEYNOTES

- 1 SAWCUT AND CONFORM.
- 2 EXISTING POWER POLE TO BE PROTECTED IN PLACE.
- 3 SEE ELECTRICAL PLANS FOR REMOVAL OF ELECTRICAL UTILITIES.
- 4 EXISTING TREE TO BE PROTECTED IN PLACE.
- 5 EXISTING BACKFLOW PREVENTOR TO BE REMOVED BACK TO MAIN.
- 6 EXISTING WATER METER TO BE REMOVED BACK TO MAIN.
- 7 EXISTING STORM DRAIN LINE TO BE CAPPED AT PROPERTY LINE.
- 8 EXISTING STORM DRAIN CATCH BASIN TO REMAIN. PROTECT IN PLACE.
- 9 EXISTING STORM DRAIN LINE TO REMAIN. PROTECT IN PLACE.
- 10 EXISTING SANITARY SEWER LINE TO REMAIN. PROTECT IN PLACE.
- 11 EXISTING WATER MAIN IN ALLEYWAY TO REMAIN. PROTECT IN PLACE.
- 12 EXISTING PORTABLE PAD TO BE REMOVED.
- 13 EXISTING UTILITIES CONNECTED TO EXISTING PORTABLE TO REMAIN AND BE PROTECTED. VERIFY LOCATION

DEMOLITION NOTES

- 1. SEE ELECTRICAL PLANS FOR REMOVAL OR RELOCATION OF ALL ELEC/COMM CONDUITS, BOXES, LINE ETC.
- 2. SEE UTILITY PLAN FOR ALL NEW TIE-IN LOCATIONS AND ANY INSTANCES OF STORM, SANITARY SEWER, OR WATER BEING RELOCATED. ANY EXISTING UTILITIES NOT BEING USED ARE TO BE REMOVED.
- 3. ALL EXISTING SERVICES AND UTILITIES THAT ARE TO REMAIN OPERATIONAL SHALL BE RELOCATED AS NECESSARY.
- 4. ALL TREES THAT ARE TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION.
- 5. CONTRACTOR SHALL VERIFY (POTHOLE IF NECESSARY) SIZE, MATERIAL, LOCATION AND DEPTH OF ALL SYSTEMS THAT ARE TO BE CONNECTED TO OR CROSSED PRIOR TO THE TRENCHING OR INSTALLATION OF PROPOSED UTILITIES, AND INFORM ENGINEER OF ANY CONFLICTS BEFORE PROCEEDING WITH WORK.
- 6. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, INVERTS AND LOCATIONS PRIOR TO BEGINNING ANY WORK ON THIS SITE.



DISCLAIMER: TOPOGRAPHIC INFORMATION, INCLUDING PROPERTY LINES, EASEMENTS, EXISTING GRADES, EXISTING UTILITIES LOCATIONS, ETC., SHOWN ARE FOR GENERAL REFERENCE ONLY AND HAVE BEEN PROVIDED BY OTHERS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY HOHBACH-LEWIN, INC.

| BY        |  |
|-----------|--|
| REVISIONS |  |
| DATE      |  |
| NO.       |  |

HOHBACH-LEWIN, INC.  
STRUCTURAL & CIVIL ENGINEERS  
260 Sheridan Avenue, Suite 150  
Palo Alto, CA 94306  
(650) 617-5930, Fax (650) 617-5932

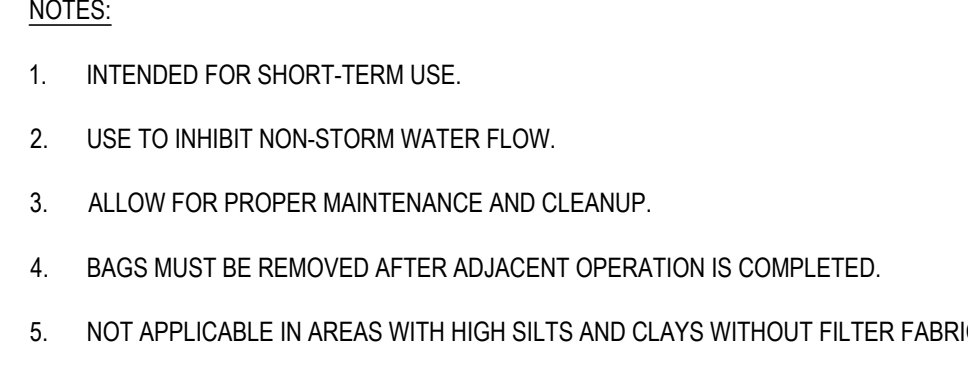
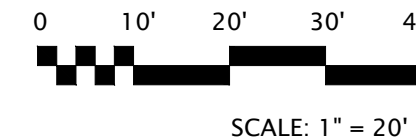
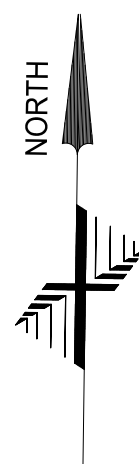


DEMOLITION PLAN  
19 SOUTH CENTRAL AVENUE  
LODI, CA 95240

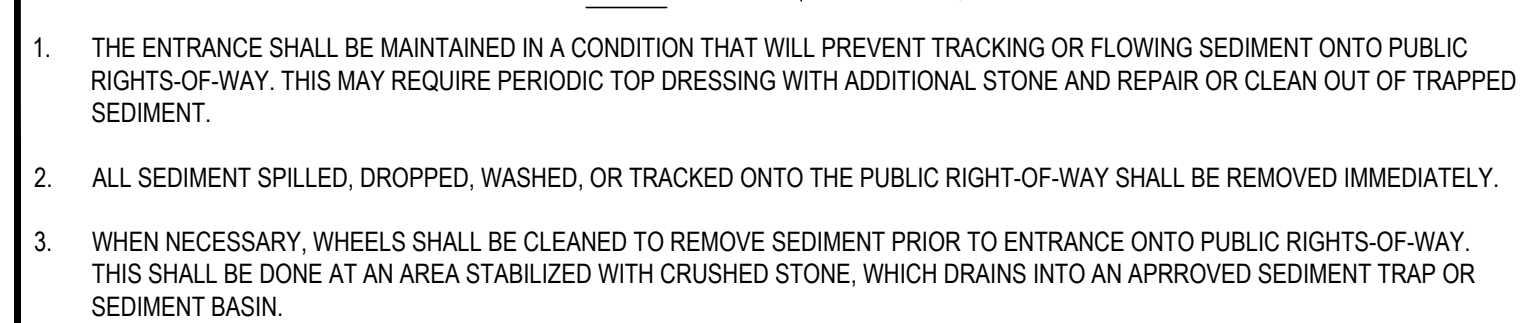
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| Date    | 6/10/2021 |
| Scale   | AS SHOWN  |
| Drawn   | AKW, VAB  |
| Checked | BJH       |
| Job     | 14479.31  |
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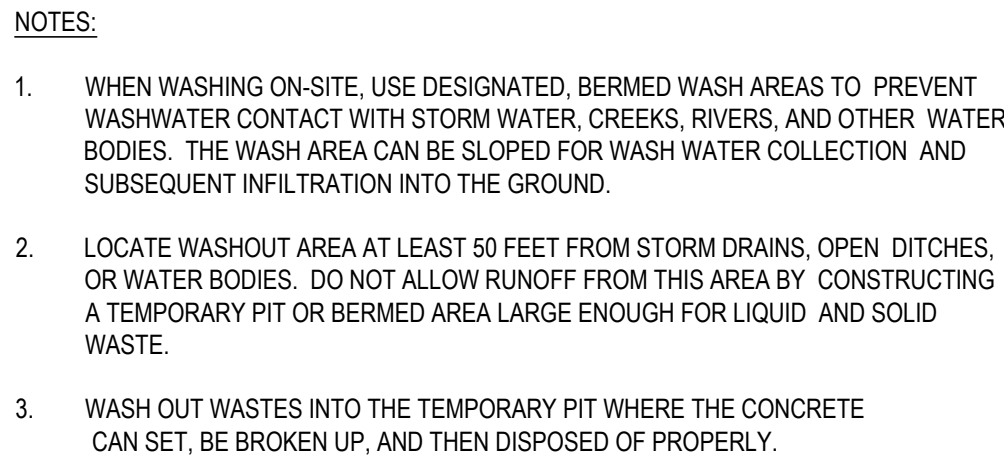
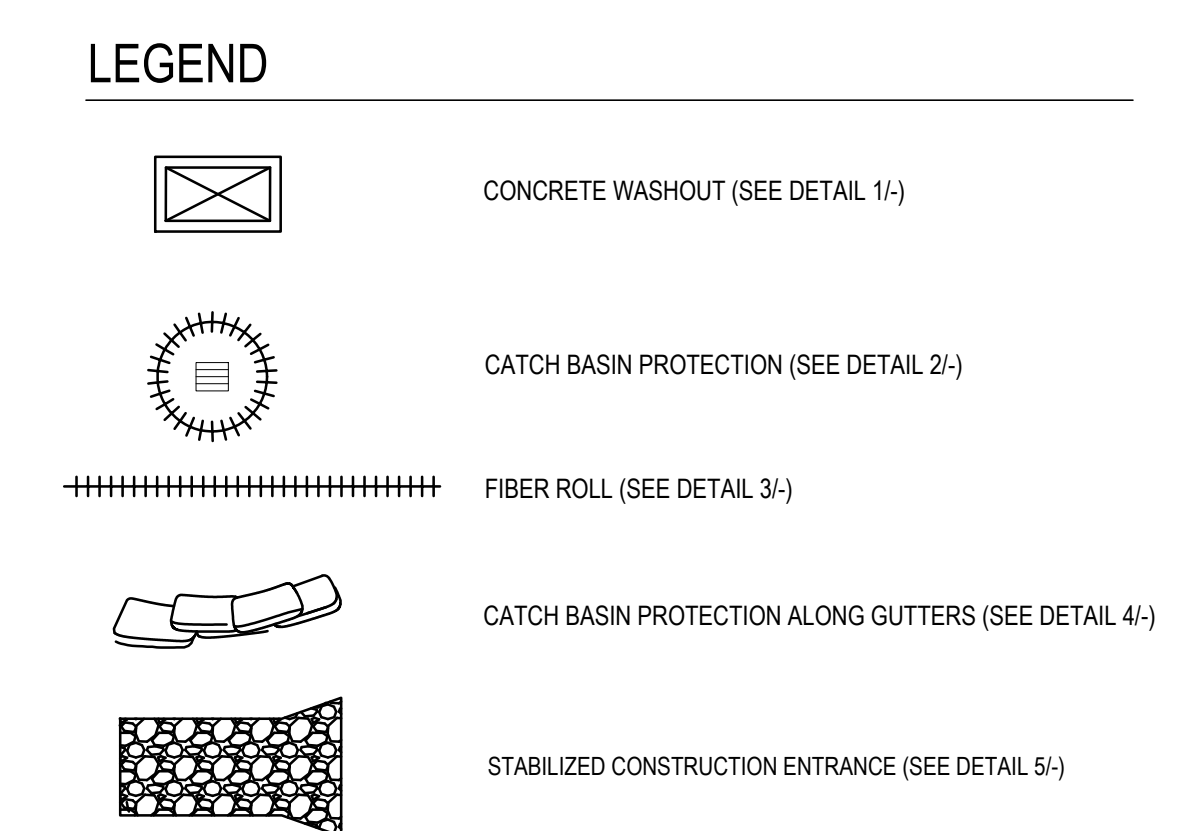




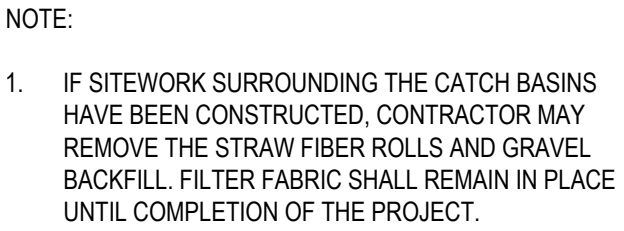
#### 4 CATCH BASIN PROTECTION ALONG GUTTERS



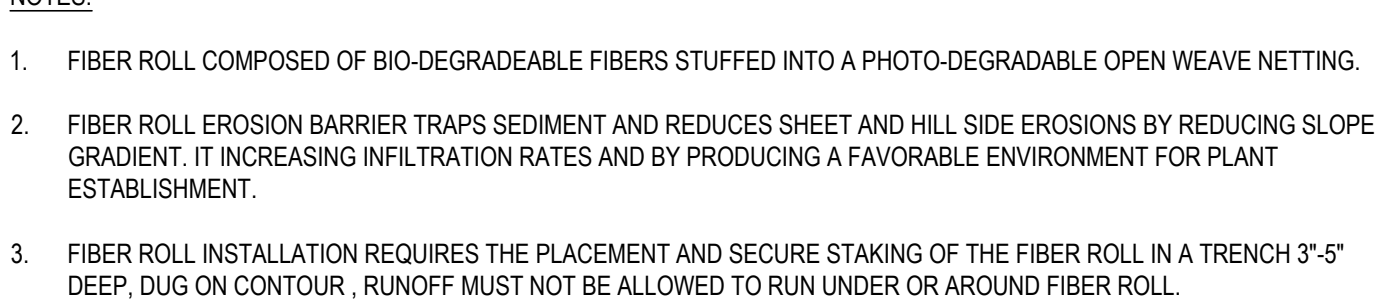
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| 5 | STABILIZED CONSTRUCTION ENTRANCE |
|---|----------------------------------|



|   |                    |
|---|--------------------|
| 1 | CONCRETE WASH AREA |
|---|--------------------|



|   |                               |
|---|-------------------------------|
| 2 | CATCH BASIN PROTECTION (TYP.) |
|---|-------------------------------|



|   |            |
|---|------------|
| 3 | FIBER ROLL |
|---|------------|

| NO. | DATE | REVISIONS | BY |
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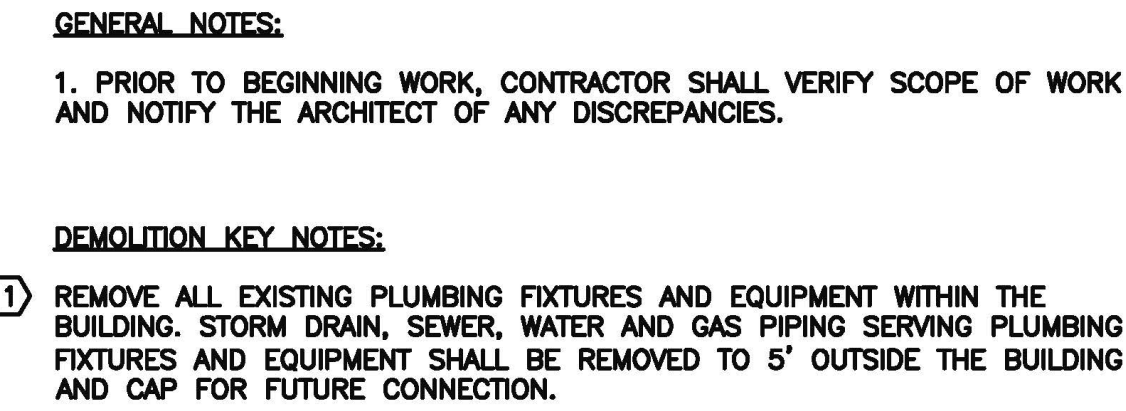
EROSION CONTROL PLAN

19 SOUTH CENTRAL AVENUE  
LODI, CA 95240

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|---------|-----------|
| Date    | 6/10/2021 |
| Scale   | AS SHOWN  |
| Drawn   | AKW, VAB  |
| Checked | BJH       |
| Job     | 14479.31  |
| Sheet   |           |

C5.0





**OWNER:** LODI UNIFIED SCHOOL DISTRICT

**PROJECT NAME:** LODI USD 19 S. CENTRAL AVE  
DEMOLITION

**CLIENT ADDRESS:** 19 S. CENTRAL AVENUE  
LODI, CA 95240

[illegible]

|                     |              |
|---------------------|--------------|
| <b>PROJECT NO:</b>  | ---          |
| <b>DATE ISSUED:</b> | 06/02/2021   |
| <b>SCALE:</b>       | AS INDICATED |

**SHEET NUMBER:** PD1.1

**SHEET TITLE:**

# PLUMBING DEMOLITION SITE PLAN



11870 Pierce Street, Suite 160  
Riverside, California 92505  
951.299.4160 [www.tk1sc.com](http://www.tk1sc.com)  
Project Leader - Bill Voller  
Plumbing Lead - Dwayne Torres  
tk1sc Job #: 2021-0317



ABBREVIATIONS

|                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4S/DP<br>ADA<br>A.F.F.<br>A.F.G.<br>AWG<br>AMP, A<br>A.I.C. or AIC | 4" SQUARE BY 2-1/8" DEEP BOX<br>AMERICAN WITH DISABILITIES ACT<br>ABOVE FINISH FLOOR<br>ABOVE FINISH GRADE<br>AMERICAN WIRE GAUGE<br>AMPERE<br>AMPERES INTERRUPTING CAPACITY (SYMMETRICAL)<br>AVAILABLE FAULT CURRENT<br>AMP FRAME, AMP TRIP<br>AUTHORITY HAVING JURISDICTION<br>AMP SWITCH, AMP FUSE<br>AUTOMATIC TRANSFER SWITCH<br>AVERAGE<br>BJ<br>BDF<br>BR<br>BLDG<br>CBC<br>CEC<br>CIRC., CKT.<br>CB<br>CSFD<br>C<br>C.O.<br>CONN<br>CPT<br>CLCB<br>CLF<br>CT<br>D<br>DAS<br>DIA<br>DISC<br>DIST<br>D.P.C.S.<br>E.C.<br>EMS<br>ENT<br>ENT<br>EWC<br>E.P.O.<br>E-O-L<br>EF<br>EGC or EG or E/G<br>(C)<br>EP<br>(ER)<br>FT or F.A.<br>FLA<br>GRD | H.W.D.,L.<br>HID<br>HP<br>HPS<br>IN. or ..<br>I/G<br>IBC<br>I.D.C.S.<br>IDF<br>JBOX<br>K<br>KCMIL<br>KVA<br>KW<br>KILOWATT HOUR<br>LCL<br>LF, L.F.<br>LFG, LTS<br>LPS<br>MAX.<br>MBJ<br>MDF<br>MOCP<br>MCO<br>MLO<br>M.C.<br>M<br>M/M<br>MH<br>MIN.<br>MCM<br>MCP<br>MTR.<br>MTD<br>MW<br>NATS<br>NEC<br>NEMA<br>NC | GROUND FAULT CIRCUIT INTERRUPTER<br>GROUND FAULT PROTECTION<br>GROUNDING ELECTRODE CONDUCTOR<br>HEATING AIR CONDITIONING REFRIGERATION<br>HAND-OFF-AUTO<br>HEATING, VENTILATING AND AIR CONDITIONING<br>HEIGHT, WIDTH, DEPTH, LENGTH<br>HIGH INTENSITY DISCHARGE<br>HORSEPOWER<br>HIGH PRESSURE SODIUM<br>INCHES<br>ISOLATED GROUND<br>INTERNATIONAL BUILDING CODE<br>INTEGRATED DIMMING CONTROL PANEL<br>INTERMEDIATE DISTRIBUTION FRAME<br>JUNCTION BOX<br>DEGREE KELVIN<br>THOUSAND CIRCULAR MILS<br>KILOVOLT AMPERES<br>KILOWATT<br>KILOWATT HOUR<br>LONG CONTINUOUS LOAD<br>LINEAR FEET<br>LIGHTING<br>LOW PRESSURE SODIUM<br>MAXIMUM<br>MAIN BONDING JUMPER<br>MAIN DISTRIBUTION FRAME<br>MAXIMUM OVERCURRENT PROTECTION<br>MAIN CIRCUIT BREAKER<br>MAIN LUGS ONLY<br>MECHANICAL CONTRACTOR<br>METER<br>METER MAIN<br>MERCURY VAPOR<br>METAL HALIDE<br>MINIMUM<br>MINIMUM CIRCUIT AMPS<br>MOTOR CONTROL CENTER<br>THOUSAND CIRCULAR MILS<br>MOTOR CIRCUIT PROTECTOR<br>MANUFACTURER<br>MOUNTED<br>MICROWAVE<br>NON AUTOMATIC DISCONNECT<br>NATIONAL ELECTRICAL CODE<br>NATIONAL ELECTRICAL<br>MANUFACTURER'S ASSOCIATION<br>NORMALLY CLOSED | NO<br>NF<br>NIC<br>N.T.S.<br>NL<br>NUMBER<br>NO. or #<br>OFCI<br>Ø<br>PC<br>P.C.<br>P<br>PVC<br>PDU<br>OVER 600 VOLTS<br>FURNISH, INSTALL AND CONNECT<br>POTENTIAL TRANSFORMER<br>PUBLIC ADDRESS<br>DEMOL<br>REC, RECEIPT<br>REF<br>RGS<br>RMS<br>SCC<br>SCOR<br>SCS<br>SFD<br>SECONDARY<br>SMACNA<br>SQ.<br>SSBJ<br>TC<br>TEL/DATA<br>TV<br>T.V.S.S.<br>TYP<br>U.G.P.S.<br>U.O.N.<br>U.P.S. or UPS<br>VAV<br>V<br>VA<br>VD<br>WP<br>W<br>XFMR |
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ELECTRICAL DEMOLITION SPECIFICATIONS

PART 1 – GENERAL

1.01 SCOPE OF WORK

- A. Work Included: All labor, materials, appliances, tools, equipment, facilities, transportation and services necessary for and incidental to performing all operations in connection with demolition, furnishing, delivery and installation of the work of this Section, complete, as shown on the drawings and/or specified herein. Work includes, but is not necessarily limited to, the following:
- Examine all other sections for work related to those other sections and required to be included as work under this section.
  - General provisions and requirements for electrical work.

1.02 GENERAL SUMMARY OF DEMOLITION WORK

- A. The specifications and drawings are intended to cover a complete installation. The omission of expressed reference to any item of labor or material for the proper execution of the work in accordance with present practice of the trade shall not relieve the Contractor from providing such additional labor and materials.
- B. Refer to the drawings and shop drawings of other trades for additional demolition requirements that affect the proper installation of this work. Diagrams and symbols showing electrical connections are diagrammatic only. Wiring diagrams do not necessarily show the exact physical arrangement of the equipment.
- C. It is the Contractor's responsibility to visit the site and become thoroughly familiar with all portions of the building and site that may affect the proper performance of this work.
- D. Portions of these plans have been derived from information taken from original electrical plans. The intent of the drawings and specifications is to provide a complete demolition of systems.

1.03 LOCATIONS OF EQUIPMENT

- A. The drawings indicate diagrammatically the locations equipment, etc. Proper judgment must be exercised in executing the work so as to secure the best possible installation in the available space and to overcome local difficulties due to space limitations or interference of structure conditions encountered.
- B. In the event changes in the locations or arrangements are necessary, due to existing conditions in the building construction or arrangement of furnishings or equipment, such changes shall be made without cost, providing the change is ordered before the work directly connected to same is installed and no extra materials are required.

1.04 BELOW GRADE UTILITY DETECTION

- A. The Contractor shall obtain the services of a company engaged in the business of detection of existing below grade utilities to identify and document existing utilities in the areas of the new work. Services shall be provided utilizing the latest detection equipment available. The company obtained shall have been engaged in the business of below grade utility detection for the past five years. Services are available from Underground Technology Incorporated at (800) 366-7801.
- B. Existing below grade utilities and their locations may or may not be indicated by these documents or may be partially indicated at what is believed to be the approximate location(s). The information has not been independently verified by the District or the District's Representatives. The Architect and the Architect's Consulting Engineers are not responsible for the locations of existing below grade utilities and the accuracy of said information. The Contractor shall verify and identify the existing utilities in the areas of work and take the necessary steps to avoid damage to existing utilities that are not being removed. No trenching/excavation shall take place until this has been verified.

1.05 ASBESTOS, POLYCHLORINATED BIPHENYL (PCB) OR HAZARDOUS WASTE:

- A. It is understood and agreed that this contract does not contemplate the handling of asbestos, PCB or any hazardous waste material. If asbestos, PCB or any hazardous waste material is encountered, notify the District immediately. Do not disturb, handle or attempt to remove.

PART 2 – PRODUCTS

NOT APPLICABLE

ANNOTATIONS

|  |                                                                                                                                                                    |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | PANEL CALLOUT, "A" INDICATES PANELBOARD OR EQUIPMENT DESIGNATION.                                                                                                  |
|  | MECHANICAL EQUIPMENT CALLOUT, "AC" INDICATES UNIT TYPE AND "2" INDICATES UNIT NUMBER. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND ELECTRICAL REQUIREMENTS. |
|  | DETAIL CALLOUT, "3" INDICATES DETAIL NUMBER "E-1" INDICATES SHEET NUMBER.                                                                                          |
|  | PLAN NOTE REFERENCE, REFER TO NOTES ON SHEET, OR AS DIRECTED.                                                                                                      |
|  | REVISION REFERENCE.                                                                                                                                                |
|  | WYE CONFIGURATION                                                                                                                                                  |
|  | DELTA CONFIGURATION                                                                                                                                                |
|  | GROUND                                                                                                                                                             |

APPLICABLE CODES AS OF JANUARY 1, 2020

2019 California Administrative Code (CAC), Part 1, Title 24, C.C.R.  
2019 California Building Code (CBC), Volumes 1 & 2, Part 2, Title 24, C.C.R. (2018 International Building Code (IBC) with California Amendments)  
2019 California Electrical Code (CEC), Part 3, Title 24, C.C.R. (2017 National Electrical Code (NEC) with California Amendments)  
2019 California Mechanical Code (CMC), Part 4, Title 24, C.C.R. (2018 Uniform Mechanical Code with California Amendments)  
2019 California Plumbing Code (CPC), Part 5, Title 24, C.C.R. (2018 Uniform Plumbing Code with California Amendments)  
2019 California Energy Code, Part 6, Title 24, C.C.R.  
2019 California Fire Code (CFC), Part 9, Title 24, C.C.R. (2018 International Fire Code with California Amendments)  
2019 California Existing Building Code (CEBC), Part 10, Title 24, C.C.R. (2018 International Existing Building Code with California Amendments)  
2019 California Green Building Standards Code (CALGreen), Part 11, Title 24, C.C.R.  
2019 California Referenced Standards Code, Part 12, Title 24, C.C.R.  
Reference Code Section for NFPA Standards-2019 CBC (SFM), Chapter 35  
Title 19 C.C.R., Public Safety, State Fire Marshal Regulations  
LIST OF FEDERAL CODES AND STANDARDS (if applicable)  
Americans with Disabilities Act (ADA), Title II or Title III  
For Title II: Uniform Federal Accessibility Standards (UFAS) or ADA Standards for Accessible Design (Appendix A of 28 CFR Part 36.)  
For Title III: ADA Standards for Accessible Design (Appendix A of 28 CFR Part 36.)  
Americans with Disabilities Act Accessibility Guidelines (ADAAG) (with amendments through September 2002)

PART 3 – EXECUTION

- 3.01 Refer to architectural demolition drawings for buildings being demolished in the phase and for demolition areas and existing walls. The scope of the demolition work shall include all labor, materials, services and equipment required for the removal of existing electrical equipment. Verify all specific demolition work prior to commencing. This work includes, but is not limited to, the following:

- A. All removed materials and equipment which, in the opinion of Architect, are salvageable, shall remain the property of the District. Deliver such salvaged materials and equipment on premises as directed, neatly pile or store them and protect from damage. Where materials and equipment have been removed and not replaced the exposed surface shall be painted to match surrounding surfaces. Do not reuse materials and equipment, unless specifically indicated on plans or specified. Remove from premises and dispose of all materials considered by Architect to be scrap.
- B. Remove all existing electrical equipment and associated conduit, wiring, pullboxes, junction boxes, etc.
- C. All dimensions and locations of equipment are approximate. Contractor shall field-verify all dimensions.

3.02 LIGHTING

- A. All existing light fixtures including site light fixtures, site light pole bases, associated switches, time clocks, occupancy sensors, junction boxes, conduit and wiring, etc. shall be disconnected and removed in their entirety unless noted otherwise.

3.03 POWER

- A. All existing electrical switchgear and panelboards including associated receptacles, disconnect switches, junction boxes, conduit, wiring, etc. shall be disconnected and removed in their entirety unless noted otherwise.
- B. Existing main switchboard shall be disconnected and removed.

3.04 FIRE ALARM

- A. All existing fire alarm devices including all control panels, smoke detectors, heat detectors, duct detectors, pull stations, horns, strobes, bells, etc. and associated junction boxes, conduit and wiring, etc. shall be disconnected and removed in their entirety unless noted otherwise.

3.05 SIGNAL SYSTEMS

- A. All existing signal system devices including all headend equipment, switches, racks, control panels, keypads, cameras, outlets, handsets, speakers, sensors, amplifiers, splitters, hubs, routers, fiber optic cabling, bells, clocks, contacts, backboxes and associated junction boxes, conduit and wiring, etc. shall be disconnected and removed in their entirety unless noted otherwise.

END OF SECTION

POWER SYMBOLS

ALL RECEPTACLE OUTLETS SHOWN WITH A DIAGONAL SLASH SHALL BE CONTROLLED BY OCCUPANCY SENSOR OR LIGHTING CONTROL PANEL. SEE DISTRIBUTED LIGHTING CONTROLS FOR ADDITIONAL REQUIREMENTS. WHERE DOUBLE DUPLEX RECEPTACLE OUTLETS ARE INDICATED AS CONTROLLED BY ONLY A SINGLE DUPLEX RECEPTACLE OUTLET (NON-IG, NON-OC TYPE) SHALL BE CONTROLLED. WITHIN ANY CONTROLLED DUPLEX RECEPTACLE OUTLET, ONLY ONE RECEPTACLE SHALL BE CONTROLLED. NOTE THAT FOR FLOOR BOXES OR POKE-THRU DEVICES, THE ASSOCIATED CONTROL RELAY MAY NEED TO BE LOCATED WITHIN THE ELECTRICAL ROOM WHERE THE CONTROLLED CIRCUIT ORIGINATES.

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | OCCUPANCY SENSOR/LIGHTING CONTROL SYSTEM CONTROLLED RECEPTACLE RELAY. WHERE LETTER DESIGNATION "A" REPRESENTS OCCUPANCY SENSOR/LIGHTING CONTROL SYSTEM CONTROL ZONE. SEE THE DISTRIBUTED LIGHTING CONTROL SPECIFICATION FOR MORE INFORMATION.                                                                                                                                                                                                                                                                                                                   |
|  | DUPLEX RECEPTACLE, WALL MOUNTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | DOUBLE DUPLEX RECEPTACLE, WALL MOUNTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|  | DUPLEX, GFCI RECEPTACLE, WALL MOUNTED. WP INDICATES WEATHERPROOF, A, B OR C INDICATES THE TYPE OF COVER, REFER TO THE GENERAL PRODUCT SPECIFICATIONS.                                                                                                                                                                                                                                                                                                                                                                                                           |
|  | DOUBLE DUPLEX, WALL MOUNTED, WITH (1) GFCI RECEPTACLE AND (1) DUPLEX RECEPTACLE CONNECTED ON LOAD SIDE OF GFCI. WP INDICATES WEATHERPROOF, A, B OR C INDICATES THE TYPE OF COVER, REFER TO THE GENERAL PRODUCT SPECIFICATIONS.                                                                                                                                                                                                                                                                                                                                  |
|  | DUPLEX RECEPTACLE, ONE HALF SWITCHED, WALL MOUNTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|  | DUPLEX, ISOLATED GROUND RECEPTACLE, WALL MOUNTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|  | COMBINATION DOUBLE DUPLEX: ONE ISOLATED GROUND DUPLEX RECEPTACLE AND ONE DUPLEX RECEPTACLE, WALL MOUNTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  | COMBINATION DOUBLE DUPLEX: TWO ISOLATED GROUND RECEPTACLES, WALL MOUNTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  | SIMPLEX RECEPTACLE, WALL MOUNTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|  | SPECIAL RECEPTACLE, WALL MOUNTED. REFER TO PLAN NOTES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|  | DUPLEX RECEPTACLE FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|  | DOUBLE DUPLEX RECEPTACLE FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|  | DUPLEX RECEPTACLE, ONE HALF SWITCHED, FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|  | DUPLEX, ISOLATED GROUND RECEPTACLE, FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|  | COMBINATION DOUBLE DUPLEX: ONE ISOLATED GROUND DUPLEX RECEPTACLE AND ONE DUPLEX RECEPTACLE, MOUNT FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN FLOOR BOX SYMBOL.                                                                                                                                                                                                                                                                                                                                                                                   |
|  | COMBINATION DOUBLE DUPLEX FLUSH IN CEILING: TWO ISOLATED GROUND RECEPTACLES – MOUNT FLUSH IN FLOOR WHEN INDICATED IN FLOOR BOX SYMBOL.                                                                                                                                                                                                                                                                                                                                                                                                                          |
|  | SIMPLEX RECEPTACLE FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | SPECIAL RECEPTACLE FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | DUPLEX RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | DOUBLE DUPLEX RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | DUPLEX, GFCI RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH. WP INDICATES WEATHERPROOF, A, B OR C INDICATES THE TYPE OF COVER, REFER TO THE GENERAL PRODUCT SPECIFICATIONS.                                                                                                                                                                                                                                                                                                                                                                       |
|  | DOUBLE DUPLEX, WALL MOUNTED, WITH (1) GFCI RECEPTACLE AND (1) DUPLEX RECEPTACLE CONNECTED ON LOAD SIDE OF GFCI. WP INDICATES WEATHERPROOF, A, B OR C INDICATES THE TYPE OF COVER, REFER TO THE GENERAL PRODUCT SPECIFICATIONS.                                                                                                                                                                                                                                                                                                                                  |
|  | DUPLEX RECEPTACLE, BOTTOM HALF SWITCHED, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  | DUPLEX, ISOLATED GROUND RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|  | COMBINATION DOUBLE DUPLEX: ONE ISOLATED GROUND DUPLEX RECEPTACLE AND ONE DUPLEX RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH.                                                                                                                                                                                                                                                                                                                                                                                                                   |
|  | COMBINATION DOUBLE DUPLEX: TWO ISOLATED GROUND DUPLEX RECEPTACLES, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | SIMPLEX RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|  | SPECIAL RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH. REFER TO PLAN NOTES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  | WET LOCATION-LISTED (RAIN-RESISTANT) RECEPTACLE – SEE ELECTRICAL SPECIFICATION FOR ADDITIONAL INFORMATION.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  | DAMP LOCATION-LISTED (NOT-RAIN-RESISTANT) RECEPTACLE – SEE ELECTRICAL SPECIFICATION FOR ADDITIONAL INFORMATION.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|  | DUPLEX RECEPTACLES WITH TWO 5V, 3.6A USB CHARGING PORTS. PROVIDE COLOR AS REQUIRED IN 15A OR 20A CONFIGURATION AND/OR TAMPER RESISTANT AND/OR HOSPITAL GRADE AS REQUIRED BY PLANS AND THE WIRING DEVICES SECTION OF THE GENERAL ELECTRICAL SPECIFICATIONS. (PASS & SEYMOUR OR EQUAL BY HUBBELL OR LEVITON.)                                                                                                                                                                                                                                                     |
|  | QUAD RECEPTACLES WITH TWO 5V, 3.6A USB CHARGING PORTS. PROVIDE COLOR AS REQUIRED IN 15A OR 20A CONFIGURATION AND/OR TAMPER RESISTANT AND/OR HOSPITAL GRADE AS REQUIRED BY PLANS AND THE WIRING DEVICES SECTION OF THE GENERAL ELECTRICAL SPECIFICATIONS. (PASS & SEYMOUR OR EQUAL BY HUBBELL OR LEVITON.)                                                                                                                                                                                                                                                       |
|  | JUNCTION BOX, WALL MOUNTED AT 18-INCHES A.F.F. OR AS NOTED. 4S/DP MINIMUM OR AS REQUIRED BY N.E.C. OR CEC, WHERE ADOPTED.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  | JUNCTION BOX, MOUNTED IN ACCESSIBLE CEILING FOR APPLICATION DENOTED ON PLAN. 4S/DP MINIMUM OR AS REQUIRED BY N.E.C. OR CEC, WHERE ADOPTED.                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  | JUNCTION BOX, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH. 4S/DP MINIMUM OR AS REQUIRED BY N.E.C., OR CEC, WHERE ADOPTED.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | JUNCTION BOX, 4S MINIMUM OR AS REQUIRED BY N.E.C., OR CEC, WHERE ADOPTED. MOUNTED IN ACCESSIBLE CEILING SPACE PER PLAN FOR FLEXIBLE CONNECTION TO PRE-WIRED FURNITURE SYSTEM. MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL. WHEN SHOWN WITH A DIAGONAL SLASH, THE LAST GENERAL RECEPTACLE CIRCUIT ON THE HOME-RUN CALL OUT SHALL BE CONTROLLED BY THE OCCUPANCY SENSOR. COORDINATE CONTROLLED CIRCUIT CONNECTION REQUIREMENTS WITH FURNITURE SYSTEM MANUFACTURER PRIOR TO ROUGH-IN. SEE DISTRIBUTED LIGHTING CONTROLS FOR ADDITIONAL REQUIREMENTS. |
|  | JUNCTION BOX, WALL MOUNTED AT 18-INCHES A.F.F., 4S/DP MINIMUM OR AS REQUIRED BY N.E.C., OR CEC, WHERE ADOPTED, FOR FLEXIBLE CONNECTION TO PREWIRED FURNITURE SYSTEM. WHEN SHOWN WITH A DIAGONAL SLASH, THE LAST GENERAL RECEPTACLE CIRCUIT ON THE HOME-RUN CALLOUT SHALL BE CONTROLLED BY THE OCCUPANCY SENSOR. COORDINATE CONTROLLED CIRCUIT CONNECTION REQUIREMENTS WITH FURNITURE SYSTEM MANUFACTURER PRIOR TO ROUGH-IN. SEE DISTRIBUTED LIGHTING CONTROLS FOR ADDITIONAL REQUIREMENTS.                                                                      |
|  | SURFACE MOUNTED MULTI-OUTLET ASSEMBLY. REFER TO GENERAL PRODUCT SPECIFICATIONS. PROVIDE ALL COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION.                                                                                                                                                                                                                                                                                                                                                                                                                   |
|  | THERMOSTAT OUTLET BOX, PROVIDE 1/2" C.O. TO RESPECTIVE MECHANICAL UNIT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|  | EXHAUST FAN, OR MOTOR LOAD. REFER TO MECHANICAL, PLUMBING OR KITCHEN DRAWINGS FOR SPECIFIC LOAD REQUIREMENTS OR AS NOTED.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  | FLUSH MOUNTED ELECTRICAL PANELBOARD OR LOAD CENTER. REFER TO PANEL SCHEDULE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|  | SURFACE MOUNTED ELECTRICAL PANELBOARD OR LOAD CENTER. REFER TO PANEL SCHEDULE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | DISTRIBUTION SWITCHBOARD. REFER TO SINGLE LINE DIAGRAM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|  | TRANSFORMER. REFER TO SINGLE LINE DIAGRAM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  | FUSED DISCONNECT SWITCH, HP RATED, OR COMBINATION MOTOR STARTER/DISCONNECT SWITCH WITH FUSES PER EQUIPMENT MANUFACTURER AND WEATHERPROOF AS REQUIRED. PROVIDE FINAL CONNECTION TO UNIT EQUIPMENT. SEE MOTORIZED EQUIPMENT SCHEDULE FOR DISCONNECT AND STARTER SIZES.                                                                                                                                                                                                                                                                                            |
|  | NON-FUSED DISCONNECT SWITCH, HP RATED AND WEATHERPROOF AS REQUIRED. PROVIDE FINAL CONNECTION TO UNIT EQUIPMENT. SEE MOTORIZED EQUIPMENT SCHEDULE FOR DISCONNECT SIZES.                                                                                                                                                                                                                                                                                                                                                                                          |
|  | UTILITY COMPANY METER. PROVIDE "CT"s AND "PT"s AS REQUIRED, REFER TO SINGLE LINE DIAGRAM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  | CIRCUIT BREAKER: "A" REPRESENTS CIRCUIT BREAKER AMPERE RATING, "B" REPRESENTS NUMBER OF POLES AND "C" REPRESENTS MISCELLANEOUS BREAKER FEATURES.<br>SHUNT= PROVIDE SHUNT TRIP MECHANISM<br>GFP= GROUND FAULT PROTECTION<br>CLCB= CURRENT LIMITING CIRCUIT BREAKER<br>SS= PROVIDE SOLID STATE CIRCUIT BREAKER<br>LO= PROVIDE PERMANENT LOCK-OPEN (OFF) HARDWARE<br>LC= PROVIDE PERMANENT LOCK-CLOSED (ON) HARDWARE                                                                                                                                               |
|  | FUSIBLE SWITCH: "A" REPRESENTS SWITCH/FRAME AMPERE RATING, "B" REPRESENTS THE FUSE AMPERE RATING, "C" INDICATES NUMBER OF POLES AND "D" REPRESENTS MISCELLANEOUS FUSE/SWITCH FEATURES.<br>SHUNT= PROVIDE SHUNT TRIP MECHANISM<br>GFP= GROUND FAULT PROTECTION<br>CLF= CURRENT LIMITING FUSE                                                                                                                                                                                                                                                                     |
|  | GROUND CONNECTION, SIZE AS INDICATED OR AS REQUIRED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | SINGLE POLE SWITCHES, WALL MOUNTED. SUBSCRIPTS AT SYMBOL INDICATE THE FOLLOWING:<br>2 – DOUBLE POLE LV – LOW VOLTAGE RL – ROTARY LOCK KEY TYPE<br>3 – THREE WAY P – PILOT LIGHT R – PUSHBUTTON<br>4 – FOUR WAY R – REMOTE CONTROL S – PROJECTION SCREEN<br>K – KEY OPERATED M – MOTOR STARTING<br>a, b, c, ETC. – DESIGNATES QUANTITY OF SWITCHES AT EACH LOCATION.<br>NOTE: ALL WALL SWITCHES CONTROLLING EMERGENCY CIRCUITS SHALL BE ENGRAVED WITH "EMERGENCY".                                                                                               |
|  | EMERGENCY POWER OFF STATION, WALL MOUNTED PER EPO SYSTEM DETAIL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | PULLBOX, SIZED PER N.E.C. OR AS NOTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

WALL MOUNTED DEVICE MOUNTING HEIGHT NOTE:

ALL WALL-MOUNTED EQUIPMENT MOUNTING HEIGHTS SHALL BE VERIFIED PRIOR TO ROUGH-IN PER REQUIREMENTS OF THE DEVICE ALIGNMENT AND MOUNTING HEIGHT DETAILS AND SPECIFICATIONS.

OWNER: LODI UNIFIED SCHOOL DISTRICT

PROJECT NAME: LODI USD 19 S. CENTRAL AVE DEMOLITION

CLIENT ADDRESS: 19 S. CENTRAL AVENUE LODI, CA 95240



REVISIONS:

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PROJECT NO:

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DATE ISSUED:

06/02/2021

SCALE:

AS INDICATED

SHEET NUMBER:

E0.1

SHEET TITLE:

ELECTRICAL SYMBOLS LIST



11870 Pierce Street, Suite 160  
Riverside, California 92505  
951.299.4160 www.tk1sc.com

Project Leader - Bill Voller  
Electrical Lead - Nikolas Bruno  
tk1sc Job #: 2021-0317



1. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING OR CONDUITS, ETC. AND TO PREVENT HAZARDS TO PERSONNEL AND/OR DAMAGE TO EXISTING UTILITIES. CONTRACTOR SHALL DETERMINE WHETHER OR NOT SHOWN AND INSTALLED BY ANY OTHER CONTRACTS. THE ENGINEER IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ENGINEER OF ANY SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY ELEMENTS FOR CONSTRUCTION SAFETY.
2. CALL UNDERGROUND SERVICE ALERT (USA) AT 1 (800) 422-4133 OR APPLICABLE STATE AND LOCAL DIG SAFE OR UNDERGROUND ALERT HOTLINES PRIOR TO CONSTRUCTION START.



1" = 20'-0"

1

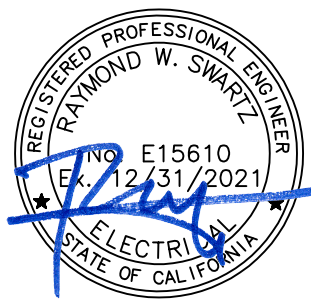
- 1 CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY PRIOR TO PERFORMING ANY WORK ON EXISTING UTILITY COMPANY POWER POLES.
- 2 EXISTING UTILITY COMPANY TRANSFORMER, METER, AND/OR UTILITY SWITCH SHALL BE REMOVED PER UTILITY COMPANY REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY PRIOR TO DEMOLITION.
- 3 CONTRACTOR SHALL DEMOLISH ALL EXISTING POWER, LIGHTING, SIGNAL, AND FIRE ALARM CONNECTIONS TO BUILDING. ALL ENERGIZED EQUIPMENT SHALL BE DISCONNECTED, SECURED, AND SAFOED OFF TO THE NEAREST UTILITY COMPANY MAIN POINT OF CONNECTION PRIOR TO DEMOLITION. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY FOR DEMOLITION.
- 4 CONTRACTOR SHALL DEMOLISH ALL EXISTING INTERIOR AND EXTERIOR POWER, LIGHTING, SIGNAL, AND FIRE ALARM EQUIPMENT, DEVICES, CONDUITS, WIRE, ASSOCIATED CONTROLS, ETC., U.O.N.
- 5 CONTRACTOR SHALL DEMOLISH ALL EXISTING SITE POWER, LIGHTING, SIGNAL, AND FIRE ALARM EQUIPMENT, DEVICES, CONDUITS, WIRE, PULLBOXES, ASSOCIATED CONTROLS, ETC., U.O.N.
- 6 CONTRACTOR SHALL ABANDON ALL EXISTING SITE CONDUITS IN PLACE, U.O.N. CONTRACTOR SHALL CAP OFF AND SECURE ALL EXISTING SITE CONDUITS, U.O.N.

- THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS. SEE ARCHITECTURAL PLANS, WHEN PROVIDED ON PROJECT, FOR EXTENT OF DEMOLITION.
3. THE EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORD DRAWINGS AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT SITE PRIOR TO SUBMITTING BID. ALL DEMOLITION, ALTERATION, EXTENSION, RELOCATION, REHABILITATION WORK SHALL BE INCLUDED IN CONTRACT. NO ADDITIONAL ALLOWANCE OR CHANGE ORDERS WILL BE ACCEPTED.
4. CONTRACTOR IS RESPONSIBLE TO RELOCATE OR REMOVE FROM WALLS, CEILINGS, FLOOR SPACES, ETC. ANY EXISTING CONDUITS, WIRES, BOXES, FITTINGS, FIXTURES OR OTHER ELECTRICAL EQUIPMENT WHICH INTERFERES WITH PLANNED REMODEL WORK. PROVIDE CIRCUIT CONTINUATION REQUIRED FOR ALL EXISTING OUTLETS, FIXTURES, EQUIPMENT, ETC. SCHEDULED TO REMAIN.
5. NOTIFY THE ENGINEER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, OR NOT INDICATED ON "AS-BUILT" DRAWINGS OR WAS BURIED UNDERGROUND OR EMBEDDED IN STRUCTURE WALLS.
6. CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE SMALLER AREA IF POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.
7. EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
8. DEMOLITION WORK SHALL BE DONE IN A MANNER WHICH WILL NOT CAUSE UNNECESSARY INCONVENIENCE, OR DANGER TO USERS OF THE PREMISES AND ADJACENT SITE, AND NOT INTERFERE WITH ITS OPERATION. ANY DEMOLITION WORK TO BE PERFORMED MUST BE PLANNED IN ADVANCE.
9. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS SALVAGED MATERIALS SHALL REMAIN IN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON THE PREMISES AS DIRECTED BY OWNER AND NEATLY PILE OR STORE THEM AND PROTECT FROM DAMAGED. DISPOSE OF ALL HAZARDOUS MATERIAL PER GUIDELINE OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES AND OTHER AGENCIES HAVING JURISDICTION.
10. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT/WIRING RUNS, REUSE AS REQUIRE AND REMOVED ALL UNUSED CONDUIT/WIRING. UNUSED CONDUIT IN INACCESSIBLE LOCATIONS CAN BE ABANDONED IN PLACE. REMOVE UNUSED WIRING.
11. WHERE NECESSARY TO SHUT OFF UTILITY SERVICES OR CAUSE INTERRUPTION TO POWER OR SIGNAL SYSTEMS WHILE A BUILDING IS OCCUPIED OR THAT EFFECT ADJACENT BUILDINGS, SCHEDULE OUTAGES OR INTERRUPTIONS WITH THE OWNER, BUILDING OCCUPANTS AND/OR ADJACENT BUILDING OWNER(S) AND OCCUPANTS PRIOR TO CONDUCTING OUTAGE(S) OR INTERRUPTIONS.
12. REFER TO ARCHITECTURAL DEMOLITION DRAWING FOR DEMOLITION AREAS. THE SCOPE OF THE DEMOLITION SHALL INCLUDE ALL LABOR, EXISTING ELECTRICAL EQUIPMENT. VERIFY EXACT SCOPE PRIOR TO COMMENCING WORK. REFER TO DEMO PLAN FOR SPECIFIC AREAS NOT IN SCOPE.
13. WHERE FIXTURES, EQUIPMENT, DEVICES, ETC. ARE SPECIFIED BY THE CONTRACT DOCUMENTS FOR REMOVAL, THE CONTRACTOR SHALL REMOVE ALL CIRCUIT CONDUCTORS/CABLING BACK TO THE NEAREST REMAINING JUNCTION BOX AND/OR POINT OF TERMINATION.
14. RELOCATE EXISTING CONDUITS AND/OR CONDUCTORS/CABLING RUNNING THROUGH AREAS WHERE NEW/REMOVED WALLS ARE SPECIFIED.
15. RELOCATION AND/OR REMOVAL OF EXISTING EQUIPMENT, DEVICES, OUTLETS BOXES, CONDUIT, WIRING, ETC. MAY AFFECT THE OPERATION OF EXISTING, REMAINING ELECTRICAL EQUIPMENT/DEVICES, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MATERIALS AS REQUIRED TO MAINTAIN AND/OR RESTORE CONTINUITY OF SERVICES TO EXISTING REMAINING ELECTRICAL/DEVICES.

**OWNER:** LODI UNIFIED SCHOOL DISTRICT

**PROJECT  
NAME:** LODI USD 19 S. CENTRAL AVE  
DEMOLITION

**CLIENT ADDRESS:**  
**19 S. CENTRAL AVENUE**  
**LODI, CA 95240**

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06/02/2021

AS INDICATED

## ED1.1

# ELECTRICAL DEMOLITION SITE PLAN



11870 Pierce Street, Suite 160  
Riverside, California 92505  
951.299.4160 [www.tk1sc.com](http://www.tk1sc.com)

Project Leader - Bill Voller  
Electrical Lead - Nikolas Brunc  
tk1sc Job #: 2021-0317