

VALLEY ROBOTICS EXTENSION ROAD

13451 N. EXTENSION RD Lodi, CA 95242

DSA O.T.C. - FEBRUARY 13, 2020

Job Number 1916

COVER

G0.00

COLUMN GRID

SECTION IDENTIFICATION

WALL SECTION

- SECTION IDENTIFICATION

- ELEVATION IDENTIFICATION

- DETAIL IDENTIFICATION

- ELEVATION IDENTIFICATION

BUILDING IDENTIFICATION

ROOM NUMBER

ROOM SF (G - GROSS) (N - NET)

CLOUD AROUND REVISED AREA OPTIONAL

SHADED PORTION IS THE SIDE CONSIDERED

- OPENING DESIGNATION

SHEET A6.01

ROOM NUMBER

- ROOM NAME

ROOM NUMBER

TOTAL OCCUPANT

OCCUPANT LOAD

REVISION

MATCH LINE

DATUM POINT

KEYNOTE

WALL TYPE

SEE SHEET A8.01

LETTER INDICATES WALL TYPE.

GLAZING IDENTIFICATION

ABBREVIATIONS

FOUNDATION

FINISH FLOOR

FINISH

FLASHING

FLUORESCENT

FIREPROOF

FOOTING

FURRING

FUTURE

F.V. FIELD VERIFY

FINISH SURFACE

FOOT OR FEET

GYPSUM ASSOCIATION

GALVANIZED IRON

GALVANIZED IRON

SHEET METAL

GAI VANIZED

GRAB BAR

GROUND

GRADE

GYPSUM

HOLLOW CORE

HOLLOW METAL

INSIDE DIAMETER (DIM.)

HARDWOOD

HARDWARE

HORIZONTAL HOUR

INSULATION INTERIOR

JANITOR

LAMINATE

LAVATORY

LOCKER

MAXIMUM

MEDICINE CABINET

MECHANICAL

MANUFACTURE

MASONRY OPENING

NOT IN CONTRACT

MOUNTED

MATERIAL

MULLION

NUMBER

NOMINAL

OBSCURE

OFFICE

OPENING OPPOSITE

ON CENTER

OUTSIDE DIAMETER

OWNER FURNISHED

CONTRACTOR INSTALLED WD.

N.T.S. NOT TO SCALE

MEMBRANE

LIGHT

HEIGHT

FACE OF CONCRETE

FACE OF FINISH

FACE OF MASONRY

FIRE EXTINGUISHER

FIRE EXTINGUISHER

ADDITIONAL INFORMATION. SEE SHEET A6.02

REFER TO DOOR & FRAME / WINDOW ELEVATIONS FOR

PRCST. PRE-CAST

PR. PT.

P.T.R.

RCP

S.C.D. SCHED.

SPEC.

STRL. SUSP.

SYM.

T.O.S.

T.P.D.

T.W.

U.O.N.

VEST.

WSCT.

PLATE

POINT

PLYW00D

P.LAM. PLASTIC LAMINATE PLASTER

PRESSURE TREATED

P.T.D./R COMBINATION PAPER TOWEL

QUARRY TILE

ROOF DRAIN

REFERENCE

REGISTER

REQUIRED

RESILIENT

REDWOOD

SOLID CORE

SOAP DISPENSER

SHEET METAL SCREW

SPECIFICATION

STAINLESS STEEL

SERVICE SINK

STATION

STANDARD

STRUCTURAL

SUSPENDED

TEMPERED

TOWEL BAR

TOP OF CURB

TOP OF PARAPET

TOP OF PAVEMENT

TOP OF SLAB

TOILET PAPER

DISPENSER

TUBE STEEL

TOP OF WALL

UNLESS OTHERWISE

TELEVISION

NOTED

URINAL

VESTIBULE

WOOD WITHOUT

WATER CLOSET

WATERPROOF

WAINSCOAT

WEIGHT

VERT. VERTICAL

TONGUE AND GROOVE

TELEPHONE

SYMMETRICAL

SANITARY NAPKIN DISP.

SANITARY NAPKIN RECEPT

SCHEDULE

SEAT COVER DISPENSER

R.W.L. RAIN WATER LEADER

ROUGH OPENING

ROOM

REINFORCED

REFRIGERATOR

REFLECTED CEILING

RADIUS

PAPER TOWEL DISPENSER

DISPENSER & RECEPTACLE

PAPER TOWEL RECEPTACLE

- SHEET WHERE DETAIL IS DRAWN

INTERIOR ELEVATIONS

- SHEET WHERE ELEVATION IS DRAWN

DOOR/ OPENING SYMBOL

REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION,

ELEVATION

DETAIL

A5.01

XXXXX—

ANGLE

ACOUS. ACOUSTICAL

CENTERLINE

area Drain

ADJUSTABLE

AGGREGATE

ALUMINUM APPROX. APPROXIMATE

ASBESTOS

ASPHALT CONCRETE

ARCH. ARCHITECTURAL

ASPHALT

BITUM. BITUMINOUS

BLDG. BUILDING BLK. BLOCK

BLKG. BLOCKING

BEAM

BOTTOM

CATCH BASIN

CERAMIC CAST IRON

CORNER GUARD

CASED OPENING

CEMENT

CEILING

CAULKING

CLOSET

COLUMN

CONC. CONCRETE

CORR. CORRIDOR

CNTR. COUNTER CTR. CENTER

DEPT.

E.D.F.

EXST. EXPO. EXP.

CONN. CONNECTION

CONSTR. CONSTRUCTION CONT. CONTINUOUS

CTSK. COUNTERSUNK

DEPARTMENT

DIAMETER

DIMENSION

DISPENSER

DOOR OPENING

DRY STANDPIPE

ELECT. DRINKING

EXPANSION JOINT

ELEVATION

ELECTRICAL

ELEVATOR

EMERGENCY

ENCLOSURE

EQUIPMENT

COOLER

EXISTING

EXPOSED

EXPANSION

EXTERIOR

FIRE ALARM

ELECT. WATER

EQUAL

ELECT. PANELBOARD

DOWN

DRAWER

DOWNSPOUT

DRINKING FOUNTAIN

DIAMETER OR ROUND F.F.

POUND OR NUMBER F.H.C. FIRE HOSE CABINET

FLASH.

FLUOR.

F.O.M.

G.I.S.M.

H.M.

HORIZ.

LAB.

N.I.C.

BUILDING SECTION

SHEET WHERE SECTION IS DRAWN

SHEET WHERE SECTION IS DRAWN

SHEET WHERE ELEVATION IS DRAWN

NEW CONSTRUCTION ON THE SITE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. SHOULD A DISCREPANCY APPEAR IN THE CONTRACT DOCUMENTS, OR

BY THE ARCHITECT 4. SHOULD A CONFLICT OCCUR IN OR BETWEEN DRAWINGS AND SPECIFICATIONS, THE SPECIFICATIONS SHALL TAKE PRECEDENCE, UNLESS A WRITTEN DECISION FROM THE ARCHITECT HAS BEEN OBTAINED WHICH DESCRIBES A CLARIFICATION OR ALTERNATE

MIRROR BOTTOM EDGES SHALL BE LOCATED 40" MAXIMUM ABOVE FLOOR AT LAVATORIES AND COUNTERTOPS (CBC 11B-603.3) TOILET TISSUE DISPENSERS SHALL BE MOUNTED WITHN 7" MIN - 9" MAX. OF THE FRONT

OPERATING PARTS OF DISPENSING AND DISPOSAL FIXTURES (TOWELS, WASTE, COIN SLOTS, ETC.) SHALL BE WITHIN 48" OF THE FLOOR (40" IN RESTROOMS) PER CBC 11B-308.

7. THE ALCOVE IN WHICH THE WATER FOUNTAIN IS LOCATED SHALL BE NOT LESS THAN 32"

ACCESSIBILITY GENERAL NOTES

temporary or permanent construction support facilities for uses and activities not directly

associated with the actual processes of construction, including but not limited to offices,

provided by portable units, at least one of each type shall be accessible and connected

meeting rooms, plan rooms, other administrative or support functions. When provided,

toilet and bathing facilities serving construction support facilities shall comply with

11B-213. When toilet and bathing facilities serving construction support facilities are

EXCEPTION: During construction an accessible route shall not be required between site

construction support facilities if the only means of access between them is a vehicular

MAXIMUM CROSS SLOPE AT WALKWAYS IN THE ACCESSIBLE PATH OF TRAVEL SHALL NOT

INTERMEDIATE LANDING IS REQUIRED AT INTERVALS OF 30" VERTICAL CHANGE AND 72"

ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USEABLE BY PERSONS WITH

REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.

EDGE OF TOILET SEAT & BE RECESSED OR SEMI-RECESSED. (CBC 11B-604.7.1)

DISABILITIES SHALL BE INDENTIFIED WITH AT LEAST ONE STANDARD SIGN DISPLAYING THE

INTERNATIONAL SYMBOL OF ACCESSBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS

LANDING AT EACH CHANGE OF DIRECTION AND BOTTOM OF RAMP. (CBC 11B-405.7.3 & CBC

LANDINGS ARE REQUIRED AT TOP AND BOTTOM OF RAMPS. (CBC 11B-405.7) A 60"

arrival points or the boundary of the area of construction and the entrance to the

to the construction support facilities it serves by an accessible route.

way not providing pedestrian access.

11B-405.7.4)

EXCEED 2% (CBC 11B-405.3)

11B-201.4 CONSTRUCTION SUPPORT FACILITIES. These requirements shall apply to

WIDE BY 18" DEEP. (CBC 11B-602.8) UNLESS NOTED OTHERWISE, RECEPTACLE OUTLETS SHALL BE INSTALLED NO LESS THAN 15" ABOVE FLOOR, BOTTOM OF OUTLET ABOVE FINISH FLOOR (CBC 11B-308.1.1 & 11B-308.1.2).

CENTER OF SWITCH, INTENDED TO BE USED BY ROOM OCCUPANTS FOR THE CONTROL OF LIGHTING, RECEPTACLE OUTLETS, APPLIANCES OF HVAC EQUIPMENT, SHALL BE LOCATED NOT LESS THAN 36" NOR MORE THAN 48" ABOVE THE FLOOR (CBC 11B-308). SWITCH LOCATION SHALL ALSO BE WITHIN THE BOUNDARIES FOR FORWARD REACH (CBC 11B-308.2) AND SIDE REACH (CBC 11B-308.3).

CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREA AND LOCATED 44" MAX, ABOVE FLOOR, AND 1 1/2" MINIMUM CLEAR FROM GRAB BARS. THE FORCE TO ACTIVATE CONTROLS SHALL BE NO MORE THAN 5 LBS. (CBC 11B-309.4)

11. 15, 20, AND 30 AMP RECEPTACLE OUTLETS SHALL BE INSTALLED NOT MORE THAN 48" MEASURE FROM THE TOP OF THE OUTLET BOX NOR LESS THAN 15" MEASURED FROM THE BOTTOM OFT THE OUTLET BOX, CBC 11B-308.1.2

THE HIGHEST POINT OF ACTIVATING HANDLE OR LEVER OF FIRE ALARM INITIATING DEVICES (MANUAL PULL BOXES) SHALL BE LOCATED 42"-48" ABOVE THE FINISH FLOOR. CBC

FAUCET CONTROLS AND OPENING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO MORE THAN 5 LBS. LEVER OPERATED, PUSH TYPE MECHANISMS ARE ACCEPTABLE. SELF CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS. (CBC 11B-309.4)

HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE OBJECTS OR SURFACES UNDER LAVATORIES.

15. ACCESSIBILE SINKS AND COUNTER SHALL BE CLEAR AND ACCESSIBLE PER CBC 11B-606.2.

GENERAL FIRE NOTES

PROVIDE A MINIMUM, UNOBSTRUCTED WIDTH OF 20 FEET AND HEIGHT OF 13'-6". VEHICULAR ACCESS TO WITHIN 150 FEET OF ALL PORTIONS OF THE BUILDING EXTERIOR WALLS. 2019 C.F.C. SECTION 503.

VEHICULAR ACCESS MUST BE MAINTAINED SERVICEABLE THROUGHOUT CONSTRUCTION. . PROVIDE A KEY BOX LOCATION AT ALL GATED ENTRANCES AS REQUIRED BY 2019 C.F.C. SECTION 506.

4. COMMERCIAL DUMPSTERS OR CONTAINERS WITH AN INDIVIDUAL CAPACITY OF 1.5 CUBIC YARDS OR GREATER SHALL NOT BE STORED OR PLACED WITHIN FIVE FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTIBLE ROOF EAVE LINES UNLESS AREAS CONTAINING DUMPSTERS ARE PROTECTED BY AN APPROVED SPRINKLER SYSTEM PER 2019 C.F.C. SECTION 304.3.3.

5. PROVIDE TEMPORARY FIRE PROTECTION AND MINIMUM SAFEGUARDS DURING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS PER CFC CHAPTER 33.

APPLICABLE CODES

APPLICABLE CODES AS OF JANUARY 1, 2020

2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, TITLE 24 C.C.R., 2019 CALIFORNIA BUILDING CODE (CBC), TITLE 24 C.C.R., PART 2

(2018 INTERNATIONAL BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL,

WITH CALIFORNIA AMENDMENTS) 2019 CALIFORNIA ELECTRICAL CODE (CEC), TITLE 24 C.C.R., PART 3 (2017 NATIONAL ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, NFPA, WITH CALIFORNIA AMENDMENTS)

2019 CALIFORNIA MECHANICAL CODE (CMC), TITLE 24 C.C.R., PART 4 (2018 UNIFORM MECHANICAL CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, IAPMO, WITH CALIFORNIA AMENDMENTS)

2019 CALIFORNIA PLUMBING CODE (CPC), TITLE 24 C.C.R., PART 5 (2018 UNIFORM PLUMBING CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, IAPMO, WITH CALIFORNIA AMENDMENTS) 2019 CALIFORNIA ENERGY CODE, TITLE 24 C.C.R., PART 6

2019 CALIFORNIA FIRE CODE (CFC), TITLE 24 C.C.R., PART 9 (2018 INTERNATIONAL FIRE CODE OF THE INTERNATIONAL CODE COUNCIL WITH CALIFORNIA AMENDMENTS)

2019 CALIFORNIA GREEN BUILDING STANDARDS, TITLE 24 C.C.R., PART 11 2019 CALIFORNIA REFERENCED STANDARDS, TITLE 24 C.C.R., PART 12 REGULATIONS OF THE STATE FIRE MARSHAL, TITLE 19 C.C.R.

NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS

CBC 2019 CHAPTER 35 (NFPA AMENDMENTS)

PARTIAL LIST OF APPLICABLE STANDARDS NFPA 13 INSTALLATION OF SPRINKLER SYSTEMS STANDPIPE & HOSE SYSTEMS NFPA 14 WATER SPRAY FIXED SYSTEMS NFPA 15 DRY CHEMICAL EXTINGUISHING SYSTEMS NFPA 17 NFPA 17A WET CHEMICAL EXTINGUISHING SYSTEMS NFPA 20 STATIONARY FIRE PUMPS FOR FIRE PROTECTION NFPA 24 PRIVATE FIRE SERVICE MAINS NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE NFPA 80 FIRE DOOR & OTHER OPENING PROTECTIVES

2016 EDITION 2013 EDITION 2016 EDITION 2016 EDITION 2017 EDITION 2016 EDITION 2016 EDITION 2016 EDITION 2016 EDITION 2015 EDITION

2019 EDITION

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE AS SPECIFIED AND IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, LAWS, PERMITS, AND THE CONTRACT

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF ALL

BETWEEN THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS, NOTIFY THE ARCHITECT AT ONCE FOR INSTRUCTION ON HOW TO PROCEED. THE ARCHITECT SHALL BE THE SOLE INTERPRETER OF THE PLANS. ANY DISCREPANCIES SHALL BE CLARIFIED

METHOD AND/OR MATERIALS.

5. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS ON THE SITE TO AREAS PERMITTED BY THE OWNER. 6. THE JOB SITE SHALL BE MAINTAINED IN A CLEAN, ORDERLY CONDITION FREE OF DEBRIS AND LITTER, AND SHALL NOT BE UNREASONABLY ENCUMBERED WITH ANY MATERIALS OR EQUIPMENT. EACH SUBCONTRACTOR IMMEDIATELY UPON COMPLETION OF EACH PHASE OF HIS WORK SHALL REMOVE ALL TRASH AND DEBRIS AS A RESULT OF

HIS OPERATION. 7. ALL MATERIAL STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED TO PREVENT DAMAGE AND DETERIORATION. FAILURE TO PROTECT MATERIALS MAY BE GROUNDS FOR REJECTION OF WORK.

8. THE CONTRACTOR SHALL DO ALL CUTTING, FITTING, OR PATCHING OF HIS WORK THAT MAY BE REQUIRED TO MAKE ITS SEVERAL PARTS FIT TOGETHER PROPERLY AND SHALL NOT FNDANGER ANY OTHER WORK BY CUTTING, EXCAVATING, OR OTHERWISE ALTERING THE TOTAL WORK OR ANY PART OF IT. ALL PATCHING, REPAIRING, AND REPLACING OF MATERIALS AND SURFACES, CUT OR DAMAGED IN EXECUTION OF WORK, SHALL BE DONE WITH APPLICABLE MATERIALS SO THAT SURFACES REPLACED WILL, UPON COMPLETION, MATCH SURROUNDING SIMILAR SURFACES.

. NO PORTION OF THE WORK REQUIRING A SHOP DRAWING OR SAMPLE SUBMISSION SHALL BE COMMENCED UNTIL THE SUBMISSION HAS BEEN REVIEWED BY THE ARCHITECT. ALL SUCH PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH CORRECTED SHOP DRAWINGS AND SAMPLES.

A. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE. B. ALL DIMENSIONS ARE TO THE FRAMING UNLESS OTHERWISE NOTED.

C. CFILING HEIGHT DIMENSIONS ARE FROM FINISH FLOOR SLAB TO FACE OF FINISH CEILING MATERIAL UNLESS OTHERWISE NOTED. 11. ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. EXIT SIGNS SHALL BE PROVIDED AT ALL EXITS AS REQUIRED BY C.B.C., CHAPTER 10. ALL DOOR SWINGS SERVING AN OCCUPANT LOAD OF 50 OR GREATER SHALL SWING IN THE DIRECTION OF TRAVEL

12. PROVIDE ALL NECESSARY BLOCKING, BACKING, AND FRAMING FOR LIGHT FIXTURES, ELECTRIC UNITS, A.C. EQUIPMENT, RECESSED ITEMS, AND ALL OTHER ITEMS AS REQUIRED. 13. WHERE LARGER STUDS OR FURRING ARE REQUIRED TO COVER PIPING AND CONDUITS,

THE LARGER STUD SIZE OR FURRING SHALL EXTEND THE FULL SURFACE OF THE WIDTH AND LENGTH WHERE THE FURRING OCCURS. 14. PROVIDE FIRE EXTINGUISHERS PER THE REQUIREMENTS OF THE 2019 CFC CBC &

15. PROVIDE ALL ACCESS PANELS AS REQUIRED BY GOVERNING CODES TO ALL CONCEALED SPACES, VOIDS, ATTICS, ETC. VERIFY TYPE REQUIRED WITH ARCHITECT PRIOR TO INSTALLATION.

16. ALL GLASS AND GLAZING SHALL COMPLY WITH C.B.C. CHAPTER 24. 17. CONTRACTOR SHALL COMPLY WITH 2019 CFC CHAPTER 33 DURING ALL PHASES OF

18. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR). 19. CHANGES MADE TO THE APPROVED DRAWINGS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT TYPE A (CCDA). CCDA SHALL BE SUBMITED TO DSA IF THEY AFFECT FIRE LIFE SAFETY, STRUCTURAL OR ACCESS ITEMS. REFERENCE DSA IR A-6.

20. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT(OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART1, TITLE 24, CCR). REFER TO DSA NOTES FOR INSPECTOR CLASS, THIS SHEET.

21. ALL NEW PIPING ALONG WALLS SHALL BE HIDDEN. GENERAL CONTRACTOR SHALL MAKE ALL THE NECESSARY WORK TO DEMO OUT EXISTING WALL TO RECEIVE THE NEW PIPING TO CONNECT TO THE PLUMBING FIXTURES. GENERAL CONTRACTOR SHALL PATCH ALL WALLS TO MATCH WITH ADJACENT EXISTING WALL. 22. CONTRACTOR SHALL PATCH AND REPAIR EXISTING ROOF IF PUNCTURED OR DAMAGED

TO MAINTAIN 20 YEAR WARRANTY. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PHASED CONSTRUCTION, THIS INCLUDES ALL PARTIAL DEMO, INSTALL AND COORDINATION OF SYSTEMS THAT MAY HAVE TO BE PARTIALLY BUILT WHILE RUNNING IN CONJUNCTION W/ EXISTING SYSTEMS. LIQUIDATED DAMAGES WILL APPLY FOR ANY DELAYS CAUSED BY THE CONTRACTOR.

24. EFFECTIVE JULY 1, 2011, NEW BUILDING SERVING K-12, CONSTRUCTED WITH STATE FUNDS, ON NEW OR EXISTING CAMPUSES WITH INDIVIDUAL ROOMS WITH AN OCCUPANT LOAD OF 5 OR MORE AND BUILDING ENTRANCES SHALL BE EQUIPPED WITH INTERIOR LOCKING DOOR HARDWARE PER AB 211 (EXCEPT PUPIL RESTROOMS). THIS REQUIREMENT APPLIES REGARDLESS OF OCCUPANCY CLASSIFICATION (ADMIN., PRESS BOXES, ETC.), AND IS APPLICABLE TO "LEASE-BACK" PROJECTS. PROVIDE A COPY OF THE MANUFACTURER'S CUT SHEETS AND HARDWARE LISTING FOR REVIEW. (REF: 17075.50 (A) (B), CAL. ED. CODE)

25. FOOD HANDLING FACILITIES SHALL COMPLY WITH ALL LOCAL HEALTH REQUIREMENTS AND CALIFORNIA UNIFORM RETAIL FOOD FACILITIES LAWS.

26. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

HAZARDOUS MATERIAL DISCLAIMER

THESE DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS AND ARE A REPRESENTATION OF EXISTING CONDITIONS AT A DETAIL REQUIRED BY THE SCOPE OF THE ARCHITECT'S SERVICES. THE ARCHITECT HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION INCLUDING BORING OR CORING OF STRUCTURAL AND/OR NON-STRUCTURAL ELEMENTS, MEASUREMENTS, ETC. AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT. THE ARCHITECT HAS NOT CONDUCTED ANY CODE COMPLIANCE ANALYSIS, STRUCTURAL ANALYSIS, ASBESTOS INVESTIGATION, LIFE SAFETY EVALUATION ENGINEERING STUDIES OF ANY KIND TO DETERMINE THE SUITABILITY OF THIS BUILDING FOR ITS INTENDED USE. SUBSEQUENTLY THE ARCHITECT DOES NOT REPRESENT THAT THESE DOCUMENTS ILLUSTRATE EXISTING CONDITIONS THAT COMPLY WITH ANY OR ALL APPLICABLE CODES. THE DISCOVERY OF ANY DEFICIENCY IN THE BUILDING AND/OR SITE. INCLUDING THE PRESENCE OF ASBESTOS, SHALL BE IMMEDIATELY REPORTED TO THE PROPERTY OWNER WHO SHALL BE RESPONSIBLE TO DIRECT HIS CONTRACTOR AND/OR CONSULTANTS IN THE APPROPRIATE MANNER.

DEFERRED APPROVALS

NONE

DSA NOTES

- 1. ALL WORK SHALL CONFORM TO 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY SUBMITTING ADDENDA OR CONSTRUCTION CHANGE DOCUMENTS AND OBTAINING APPROVALS FROM THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1 TITLE 24, CCR 3. A 'DSA CERTIFIED' PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND
- APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342. CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR). 4. A 'DSA CERTIFIED' INSPECTOR WITH CLASS 3 CERTIFICATION IS REQUIRED FOR THIS

5. AN INSPECTOR WHO IS ESPECIALLY QUALIFIED IN MECHANICAL AND ELECTRICAL WORK WILL BE REQUIRED FOR THIS PROJECT. OR INDICATE NAMES OF MECHANICAL AND ELECTRICAL ENGINEERS ON LINES 25B AND 25C OF PROJECT APPLICATION (DSA-1) 6. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL BOARD SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTION FOR THE PROJECT.

7. FOOD HANDLING FACILITIES SHALL COMPLY WITH ALL LOCAL HEALTH DEPARTMENT REQUIREMENTS AND CALIFORNIA UNIFORM RETAIL FOOD FACILITIES LAW.. 8. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE

ALTERATION, REHABILITATIONS OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOUD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CHANGE ORDER OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK. \(\){(REFERENCE SECTION 4-317 (C), CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR) GRADING PLANS. DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND

ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL ORDINANCES. 10. SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE CONSIDERED AS A CONSTRUCTION CHANGE DOCUMENT, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION PER DSA IR A-6 AND SECTION 338(c) PART 1, TITLE 24

PROJECT DIRECTORY

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PHIL HERZER

STEVE BAKIN

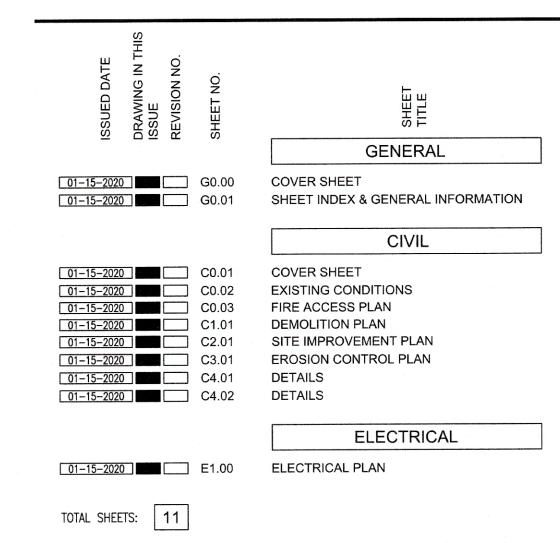
CIVIL

ELECTRICAL

SHEET INDEX

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AGENCY NOTES

CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE EXISTING OR NEW STRUCTURAL ELEMENTS IS NOT TO BE STARTED UNTIL THE DETAILS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND THE DSA FIELD ENGINEER IF DETAILS DO NOT SHOW OR CONFORM TO THE APPROVED DRAWINGS.

SCOPE OF WORK

. NEW PAVEMENT FOR FIRE LANE AND PARKING AREA DROP OFF AREA

RESURFACING OF EXISTING PAVEMENT STRIPING AND PARKING SIGNAGE

6. CMU TRASH ENCLOSURE UNDER 5'-10" HIGH

BASKETBALL POSTS/BOARDS

CHAIN LINK FENCE; INCLUDES ONE PEDESTRIAN GATE AND SLIDING VEHICULAR GATE

8. CONDUITS ONLY FOR FUTURE USE ON LIGHT POLES

DIV. OF THE STATE ARCHITEC

ARCHITECTURE ENGINEERING INTERIORS

LANDSCAPE ARCHITECTURE PLANNING

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RENEWAL

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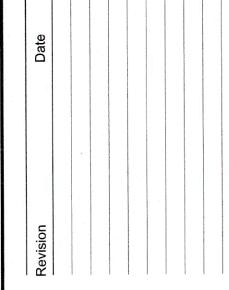
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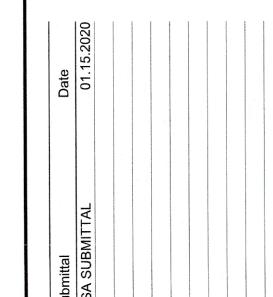
ideas, aesthetics and designs incorporated

therein are instruments of service. All project

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Job Number 01.15.2020 Date Published Checked By Scale

SHEET INDEX & GENERAL **INFORMATION**

G0.01

JP JOINT POLE LE LANDSCAPE EASEMENT LF LINEAR FEET LIP LIP OF GUTTER LP LOW POINT LT LEFT	TYP TYPICAL TP TELEPHONE POLE VC VERTICAL CURVATURE W WEST WM WATER MAIN WV WATER VALVE
MAX MAXIMUM	LEGEND
SYMBOL	DESCRIPTION
(RD)	ROOF DRAIN P.O.C 5' FROM BUILDING GAS P.O.C 5' FROM BUILDING
(G) (F) (S) (S)	FIRE WATER P.O.C 5' FROM BUILDING DOMESTIC WATER P.O.C 5' FROM BUILDING
(W) (SS)	SANITARY SEWER P.O.C 5' FROM BUILDING
(D)	STORM DRAIN MANHOLE
<u>s</u>	SANITARY SEWER MANHOLE
□ AD ●	DRAIN INLET AREA DRAIN
3	→ TRENCH DRAIN CLEANOUT
•	BLOW OFF
₩	FIRE HYDRANT
® \~_\\	VALVE POST INDICATOR VALVE (PIV)/CHECK VALVE (CHK VLV)/FIRE DEPARTMENT CONNECTION (FDC)
2	CHECK VALVE (CHK VLV)
Y	FIRE DEPARTMENT CONNECTION (FDC) DOUBLE DETECTOR CHECK (DBL CHK) REDUCED PRESSURE (BFP) POST INDICATOR VALVE (PIV)
■	THRUST BLOCK BENDS, TEE AND CROSS
	WATER METER
LINE TYPE	DESCRIPTION
	APPROXIMATE PROJECT LIMITS
	RIGHT OF WAY/
	FENCE
·	REMOVE EXISTING UTILIT
ersoles i man des especie mos e non errologiment have kopital el de cite man de se que visa com meno combines que visa com esta combines que visa combines que el combine de combines que el combines que el combine de combines que el combine de combines que el combine de combines que el com	EXISTING SEWER LINE
	EXISTING WATER LINE
	EXISTING STORM DRAIN LINE
	EXISTING DEDICATED PRIVATE FIRE SERVICE
	EXISTING NATURAL GAS SERVICE
	EXISTING ELECTRICAL LINE / CONDUIT
	TELECOMMUNICATIONS LINE / CONDUIT
XXLF	S=X.XXX SANITARY SEWER LINE
XXLF	PVC DOMESTIC WATER LINE
XXLF	S=X.XXX STORM DRAIN LINE (≤8" DIAMETER)
XXLF	S=X.XXX STORM DRAIN LINE (>8" DIAMETER)
	PERFORATED STORM DRAIN LINE
XXLF	PVC DEDICATED PRIVATE FIRE SERVICE
XXLF	PVC NATURAL GAS LINE
GB	GRADE BREAK LINE
	FLOW LINE
	DAYLIGHT LINE

GENERAL EROSION AND SEDIMENT CONTROL NOTES

- 1. CONTRACTOR SHALL ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL HAVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE AT ALL TIMES DURING CONSTRUCTION.
- 2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.
- 3. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS.
- 4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
- 5. CONTRACTOR SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPS, AS WELL AS, ANY CORRECTIVE CHANGES TO THE BMPS OR EROSION AND SEDIMENT CONTROL PLAN.
- IN AREAS WHERE SOIL IS EXPOSED, PROMPT REPLANTING WITH NATIVE COMPATIBLE, DROUGHT-RESISTANT VEGETATION SHALL BE PERFORMED. NO AREAS WILL BE LEFT EXPOSED OVER THE WINTER SEASON.
- 7. THE CONTRACTOR SHALL INSTALL THE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS, ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE.
- 8. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE SWEPT AT THE END OF EACH WORKING DAY OR MORE OFTEN AS NECESSARY.
- 9. CONTRACTOR SHALL PLACE GRAVEL/SAND BAGS AROUND ALL NEW DRAINAGE STRUCTURE OPENINGS IMMEDIATELY AFTER THE STRUCTURE OPENING IS CONSTRUCTED. THESE GRAVEL/SAND BAGS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
- 10. CONTRACTOR SHALL IMPLEMENT HOUSEKEEPING PRACTICES AS FOLLOWS: A. SOLID WASTE MANAGEMENT: PROVIDE DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS. ARRANGE FOR REGULAR REMOVAL AND DISPOSAL. CLEAR SITE OF TRASH INCLUDING ORGANIC DEBRIS, PACKAGING MATERIALS, SCRAP OR SURPLUS BUILDING MATERIALS AND DOMESTIC WASTE DAILY.
- B. MATERIAL DELIVERY AND STORAGE: PROVIDE A DESIGNATED MATERIAL STORAGE AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. STORE MATERIAL ON PALLETS AND PROVIDE COVERING FOR SOLUBLE MATERIALS. RELOCATE STORAGE AREA INTO BUILDING SHELL WHEN POSSIBLE. INSPECT AREA WEEKLY.
- C. CONCRETE WASTE: PROVIDE A DESIGNATED AREA FOR A TEMPORARY PIT TO BE USED FOR CONCRETE TRUCK WASH-OUT. CONCRETE WASHOUT CANNOT BE WITHIN 50' MINIMUM OF DRAIN INLETS. DISPOSE OF HARDENED CONCRETE OFFSITE. AT NO TIME SHALL A CONCRETE TRUCK DUMP ITS WASTE AND CLEAN ITS TRUCK INTO THE STORM DRAINS VIA CURB AND GUTTER. INSPECT DAILY TO CONTROL RUNOFF, AND WEEKLY FOR REMOVAL OF HARDENED CONCRETE.
- D. PAINT AND PAINTING SUPPLIES: PROVIDE INSTRUCTION TO EMPLOYEES AND SUBCONTRACTORS REGARDING REDUCTION OF POLLUTANTS INCLUDING MATERIAL STORAGE, USE, AND CLEAN UP. INSPECT SITE WEEKLY FOR EVIDENCE OF IMPROPER DISPOSAL.
- E. VEHICLE FUELING, MAINTENANCE AND CLEANING: PROVIDE A DESIGNATED FUELING AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. DO NOT ALLOW MOBILE FUELING OF EQUIPMENT. PROVIDE EQUIPMENT WITH DRIP PANS. RESTRICT ONSITE MAINTENANCE AND CLEANING OF EQUIPMENT TO A MINIMUM. INSPECT AREA WEEKLY.
- F. HAZARDOUS WASTE MANAGEMENT: PREVENT THE DISCHARGE OF POLLUTANTS FROM HAZARDOUS WASTES TO THE DRAINAGE SYSTEM THROUGH PROPER MATERIAL USE, WASTE DISPOSAL AND TRAINING OF EMPLOYEES. HAZARDOUS WASTE PRODUCTS COMMONLY FOUND ON-SITE INCLUDE BUT ARE NOT LIMITED TO PAINTS & SOLVENTS, PETROLEUM PRODUCTS, FERTILIZERS, HERBICIDES & PESTICIDES, SOIL STABILIZERS, STABILIZATION PRODUCTS, ASPHALT PRODUCTS AND CONCRETE CURING
- 11. CONTRACTOR SHALL HYDROSEED ALL GRADED SLOPES. NATIVE SEED MIX SHALL BE 20% LANA PUBESCENT WHEAT GRASS, 40% BLANDO BROME, AND 40% ANNUAL RYE GRASS AND SHALL BE APPLIED AT A RATE OF 200 POUNDS PER ACRE. SOIL BINDING AGENT SHALL BE VERDYOL, SENTINEL, OR EQUAL, APPLIED AT A RATE OF 110 POUNDS PER ACRE. MULCH SHALL BE SILVER-FIBER, CONWED, OR EQUAL, APPLIED AT A RATE OF 1,000 POUNDS PER ACRE, FERTILIZER SHALL BE AGRI-FORM 16-7-12, BEST 16-6-8. OR EQUAL, APPLIED AT A RATE OF 500 POUNDS PER ACRE. THE CONTRACTOR SHALL WATER SEEDED AREAS OR RESEED AS NECESSARY TO ENSURE SUFFICIENT PLANT DEVELOPMENT FOR EROSION CONTROL.
- 12. NO GRADING SHALL BE DONE UNTIL SITE- AND SEASON-SPECIFIC SOIL LOSS AND HOUSEKEEPING STORMWATER BMPs HAVE BEEN APPROVED BY THE INSPECTOR. THE CONTRACTOR SHOULD EMPLOY THE DESIGN BMPs AND ANY OTHERS NEEDED AS SITUATIONS ARISE. CONTRACTOR SHOULD CONDUCT SITE INSPECTIONS BEFORE, DURING AND AFTER EACH EXTENDED STORM EVENT TO IDENTIFY CONDITIONS THAT MAY CONTRIBUTE TO EROSION AND SEDIMENT PROBLEMS OR ANY OTHER POLLUTANT DISCHARGES. IF ADDITIONAL CONTROL MEASURES ARE NEEDED, CONTRACTOR SHOULD IMPLEMENT THEM IMMEDIATELY.

POLLUTION PREVENTION NOTES

IN ORDER TO MEET THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PROGRAM FOR CONSTRUCTION, CONSTRUCTION CONTRACTORS SHALL INSTALL AND MAINTAIN APPROPRIATE BEST MANAGEMENT PRACTICES (BMPS) AS SHOWN IN THE EROSION CONTROL PLAN ON ALL CONSTRUCTION PROJECTS. BMPS SHALL BE INSTALLED IN ACCORDANCE WITH INDUSTRY RECOMMENDED STANDARDS, AND/OR IN ACCORDANCE WITH ANY GENERAL CONSTRUCTION PERMIT ISSUED BY THE STATE FOR THE PROJECT TO PREVENT ANY DISCHARGES FROM THE PROJECT SITE OR INTO ANY STORM DRAIN FACILITIES. ALL SEDIMENTS, CONSTRUCTION MATERIALS, DEBRIS AND WASTES, AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, WIND, OR VEHICLE TRACKING. EROSION AND/OR SEDIMENT CONTROL DEVICES SHALL BE MODIFIED AS NEEDED AS THE PROJECT PROGRESSES TO ENSURE EFFECTIVENESS.

BMP MAINTENANCE NOTES

- 1. FOLLOWING OWNER ACCEPTANCE OF CONSTRUCTION WORK, POST CONSTRUCTION BEST MANAGEMENT PRACTICE (BMP) MEASURES SHALL BE MAINTAINED BY THE PROPERTY OWNER, INCLUDING BUT NOT LIMITED TO:
- 1.1. ANNUAL INSPECTION, REPLACEMENT, AND/OR SEDIMENTATION REMOVAL OF VEGETATED SWALES, TREATMENT PONDS, AND OTHER SURFACE STORMWATER TREATMENT MEASURES AS REQUIRED WITH AN INCREASED FREQUENCY BASED ON SITE CONDITIONS.
- 1.2. MAINTENANCE SERVICE AGREEMENT(S) OF STORMWATER TREATMENT VAULTS, INLETS, MANHOLES, AND OTHER DEVICES BASED ON MANUFACTURES' RECOMMENDATIONS AND FREQUENCY.
- 1.3. ANNUAL INSPECTION OF PERMEABLE PAVEMENT AND REMOVAL OF SEDIMENT AS
- 1.4. ANNUAL INSPECTION OF STORMWATER INLETS AND MAINTENANCE AS REQUIRED TO CLEAR GRATES AND INLETS OF DEBRIS.
- 1.5. THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND WATER QUALITY MANAGEMENT PLAN (WQMP) MAY CONTAIN ADDITIONAL OR MORE STRINGENT MAINTENANCE REQUIREMENTS.
- BMP DETAILS MAY BE FOUND IN APPENDIX H OF THE PROJECT SWPPP DOCUMENT. BMP DETAILS PER CALIFORNIA STORMWATER QUALITY ASSOCIATION (CASQA) AND ARE AVAILABLE AT www.casqa.org.
- FOR PROJECTS GREATER THAN 1 ACRE: THE CONTRACTOR SHALL VERIFY THE STATUS OF THE SWPPP/NOI/WDID PRIOR TO EARTHMOVING ACTIVITIES. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE PREPARED AND A NOTICE OF INTENT (NOI) SHALL BE FILED WITH THE STATE WATER RESOURCES CONTROL BOARD (SWRCB) IN ACCORDANCE WITH THE REQUIREMENTS OF CALIFORNIA GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (PERMIT NO. CAS000002) FOR ALL OPERATIONS ASSOCIATED WITH THESE PLANS. THE CONTRACTOR SHALL KEEP A COPY OF THE SWPPP ON SITE AND AVAILABLE FOR

AREA SUMMARY

TOTAL AREA OF WORK = 1.7± ACRES TOTAL DISTURBED AREA = 0.6± ACRES

DEMOLITION NOTES

- THE INTENT OF THE DEMOLITION PLAN IS TO DESCRIBE IN GENERAL THE DEMOLITION AREAS AFFECTED BY THE PROJECT CONSTRUCTION. IT IS NOT INTENDED AS A DETAILED DESCRIPTION OF EXISTING ITEMS OR ELEMENTS TO BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE AND REVIEW ANY AVAILABLE RECORD DOCUMENTS TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SHOULD INCLUDE THE REMOVAL OF ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE BINDING AS IF REQUIRED BY ALL TO THE EXTENT THAT IT IS REASONABLY INFERABLE FROM THEM AS BEING NECESSARY TO PRODUCE THE INTENDED RESULTS.
- REMOVE EXISTING BUILDINGS, FOUNDATIONS AND SERVICE UTILITIES AS INDICATED ON PLANS. CAP ALL UTILITIES AT APPROPRIATE POINTS. ALL EXISTING ELECTRICAL / TELEPHONE / CATV UTILITIES SHALL BE REMOVED AS INDICATED OR BACK TO THE POINT WHERE THE SPECIFIC UTILITY SYSTEM ENTERS THE WORK AREA. COORDINATE DEMOLITION OF ALL UTILITIES WITH THE OWNER. ALL UTILITIES CONNECTED TO EXISTING BUILDINGS TO REMAIN SHALL CONTINUE TO BE OPERATIONAL DURING THE DEMOLITION PROCESS, DOMESTIC AND FIRE SERVICE WATER AND NATURAL GAS SHALL BE REMOVED TO A POINT OUTSIDE THE PERIMETER OF PROPOSED NEW CONSTRUCTION TO EXISTING VALVES OR SIMILAR SHUT-OFF DEVICES. IF A SHUT-OFF DEVICE IS NOT REASONABLY ADJACENT TO THE PERIMETER OF THE PROPOSED NEW CONSTRUCTION, PROVIDE A SHUT-OFF DEVICE IN BELOW-GRADE YARD BOX. CONFIRM LOCATION OF NEW DEVICES WITH OWNER PRIOR TO INSTALLATION. SANITARY SEWER AND STORM DRAINAGE SHALL BE CAPPED TO A POINT OUTSIDE THE PERIMETER OF THE PROPOSED NEW CONSTRUCTION. OTHER UTILITIES NOT SPECIFICALLY IDENTIFIED IN THESE DOCUMENTS AND NOT ANTICIPATED FOR REUSE SHALL BE REMOVED IN ENTIRETY.
- FOR ALL EXISTING MATERIALS THAT CAN BE SALVAGED, OWNER HAS FIRST RIGHT OF REFUSAL FOR REMOVED ITEMS THAT MAY HAVE RESIDUAL COMMERCIAL OR HISTORIC VALUE INCLUDING HARDWARE, GLASS, CORNER STONES, TIME CAPSULES, LIGHT STANDARDS, SIGNS, FENCING, BENCHES, WATER FOUNTAINS, TRASH CONTAINERS, ETC. SHALL REMAIN AS PROPERTY OF THE OWNER. ALL ITEMS TO BE SALVAGED FOR REUSE/REINSTALLATION MUST MEET CURRENT CODE REQUIREMENTS. COORDINATE ITEMS TO BE RETAINED WITH OWNER AND REMOVE FROM CONSTRUCTION SITE TO A LOCATION APPROVED BY OWNER. REMOVED MATERIALS, NOT INDICATED OR DIRECTED TO BE SALVAGED FOR THE OWNER'S BENEFIT ARE DEBRIS AND BECOME THE CONTRACTOR'S PROPERTY UPON REMOVAL.
- 4. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY SEARCH OF THE AVAILABLE RECORDS AND FIELD SURVEYS. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT, UTILITY COMPANIES, AND/OR FIELD VERIFY AND LOCATE ALL UTILITIES BEFORE PROCEEDING WITH WORK. THE CONTRACTOR IS ALSO REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. NOTIFY THE ENGINEER IF ADDITIONAL UTILITIES ARE LOCATED OR IF CONFLICTS ARE FOUND WITH EXISTING CONDITIONS.
- ALL TREES TO BE REMOVED SHALL BE MARKED BY CONTRACTOR AND APPROVED FOR REMOVAL BY THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO REMOVING OR CUTTING TREE(S). EXISTING ROOTS SHALL BE GRINDED TO A DEPTH OF APPROXIMATELY 3-FEET. USE CAUTION WHILE GRINDING WHEN EXISTING UTILITIES ARE IN CLOSE PROXIMITY TO TREES. ALL TREES TO REMAIN WITHIN THE LIMIT OF WORK SHALL BE PROTECTED AND MAINTAINED PER SPECIFICATIONS AND DETAILS.
- 6. SAWCUT EXISTING CONCRETE AND ASPHALT TO AN EXISTING CONTROL JOINT WHERE POSSIBLE, AT MINIMUM TO A NEAT-STRAIGHT LINE. ALL DEBRIS SHALL BE HAULED OFFSITE TO A LEGAL DUMPING SITE OR SALVAGED FOR REUSE ON PROJECT AS NOTED.
- WORK WITHIN CITY, COUNTY, OR STATE RIGHT-OF-WAY REQUIRES A SEPARATE ENCROACHMENT PERMIT WHICH THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING PRIOR TO STARTING WORK WITHIN RIGHT-OF-WAY.
- CONTRACTOR TO COORDINATE UTILITY DEMOLITION WITH DRAINAGE AND UTILITY WORK SHOWN IN THIS PLAN SET. ALL UTILITY SHUTDOWNS SHALL BE COORDINATED PER PROJECT SPECIFICATIONS.
- EXISTING DRY UTILITIES SHOWN FOR DEMOLITION ARE SHOWN FOR COORDINATION ONLY. REFER TO OTHER DISCIPLINES FOR LIMITS AND DETAILS OF DEMOLITION. 10. THE CONTRACTOR SHALL RECYCLE CONSTRUCTION DEBRIS, ASPHALT, AND
- CONCRETE GENERATED FROM REMOVALS REQUIRED TO CONSTRUCT THE PROJECT THE CONTRACTOR IS OBLIGATED, UNDER THIS CONTRACT, TO RECYCLE THE WASTE MATERIAL THROUGH AN APPROVED RECYCLING PLANT.
- 11. A LIST OF FACILITIES THAT ACCEPT CONSTRUCTION & DEMOLITION DEBRIS CAN BE FOUND ON THE CALRECYCLE WEBSITE AT: HTTPS://WWW.CALRECYCLE.CA.GOV/CONDEMO
- 12. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING BUILDING FINISHES DURING DEMOLITION. ANY FINISH THAT IS DAMAGED DURING DEMOLITION SHALL BE REPAIRED OR REPLACED IN-KIND OR BETTER.

GENERAL NOTES TO CONTRACTOR

- 1. THE CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY OWNERS FOR LOCATION, REMOVAL, AND/OR RELOCATION OF ANY UTILITY SERVICES AFFECTED BY CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT UNDERGROUND OR OVERHEAD STRUCTURES WHETHER OR NOT THEY ARE SHOWN ON THESE DRAWINGS.
- THE CONTRACTOR SHALL NOTIFY THE PROJECT INSPECTOR AND THE RESPECTIVE UTILITY OWNERS AND OTHER AGENCIES AT LEAST TWO WORKING DAYS PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXPOSING, VERIFYING LOCATIONS (BOTH HORIZONTAL AND VERTICAL), AND MAINTAINING ALL EXISTING UNDERGROUND UTILITIES, BOTH SHOWN ON THE PLANS AND/OR NOT SHOWN ON THE PLANS DURING CONSTRUCTION. REPAIR DAMAGED UTILITIES TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS BECAUSE OF LOCATIONS OF EXISTING FACILITIES AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
- 4. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES AND/OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OR COMPLETENESS OF THE LOCATION OR THE EXISTENCE, OR NON-EXISTENCE OF ANY UTILITY AND/OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE CONTRACTOR IS REQUIRED TO TAKE ALL DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OF RECORD AND/OR NOT OF RECORD SHOWN OR NOT SHOWN AND ANY OTHER LINE(S) OR STRUCTURE(S) NOT SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF, AND/OR DAMAGE TO THESE LINE(S) AND/OR STRUCTURE(S).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SHORING AT PROPOSED BUILDING FOUNDATIONS, FOOTINGS, AND WALLS TO PROTECT EXISTING UTILITIES IN
- UNAUTHORIZED CHANGES AND USES CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
- THE CONTRACTOR SHALL MAINTAIN THE EXISTING ACCESSIBLE ROUTE CLEAR OR PROVIDE AN ALTERNATE ACCESSIBLE ROUTE OF TRAVEL DURING DEMOLITION AND/OR CONSTRUCTION.
- 8. THE CONTRACTOR SHALL MAINTAIN THE EXISTING FIRE EXITS AND STAIRS CLEAR AND USABLE OR PROVIDE ALTERNATE FIRE EXITS DURING DEMOLITION AND/OR CONSTRUCTION.

EARTHWORK QUANTITIES

APPROXIMATE CUT: 875 CY

APPROXIMATE FILL:

EARTHWORK QUANTITIES INDICATED ARE FOR REFERENCE ONLY (NOT FOR BID OR PAYMENT). THE CONTRACTOR IS RESPONSIBLE FOR ACTUAL QUANTITIES.

HAUL ROUTE TO BE DETERMINED AT PRE-GRADE MEETING AND ALL NECESSARY PERMITS SHALL BE OBTAINED BY THE GENERAL CONTRACTOR

EARTHWORK NOTES

- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE GRADING PLANS AND SOILS REPORT THOROUGHLY PRIOR TO SITE MOBILIZATION. IT IS ALSO THE GRADING CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CIVIL AND SOILS ENGINEERS IF ONSITE DISCREPANCIES ARE OBSERVED THAT WOULD AFFECT THE EARTHWORK
- 2. THE EXISTING TOPOGRAPHY AS DELINEATED ON THESE DRAWINGS SHALL BE UTILIZED AS THE BASIS FOR ALL EARTHWORK COMPUTATIONS. SAID TOPOGRAPHY SHALL BE PRESUMED TO BE ACCEPTABLE TO ALL INTERESTED PARTIES UNLESS A DEVIATION IS FOUND PRIOR TO THE START OF GRADING IN ANY SPECIFIC AREAS. ANY DEVIATION SO DETERMINED SHALL BE PROMPTLY TRANSMITTED TO ALL INTERESTED PARTIES.
- 3. THE CONTRACTOR IS REQUIRED TO ESTIMATE THE QUANTITIES OF GRADING WORK TO BE DONE AND INCLUDE ALL COSTS THEREFROM WITH HIS BID, AS NO ADDITIONAL ALLOWANCE WILL BE MADE WITHOUT PRIOR CONSENT FROM THE OWNER.
- 4. OVER-EXCAVATION AND/OR EXCESS BACKFILLING OR DUPLICATION OF GRADING ACTIVITIES IS NOT A BASIS FOR ADDITIONAL COMPENSATION. THIS ALSO APPLIES WHERE MATERIAL IS TO BE REMOVED AND REPLACED TO REDUCE MOISTURE
- 5. OFF-SITE DISPOSAL OF EXCAVATION MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE BID. THE CONTRACTOR SHALL HOLD THE OWNER AND ENGINEER HARMLESS AS A RESULT OF ANY CLAIMS ARISING FROM THE ACTIONS ENROUTE OR AWAY FROM THE SITE.
- 6. EARTH VOLUMES SHOWN HEREON ARE ESTIMATES BASED UPON THE GEOTECHNICAL ANALYSIS PERFORMED BY THE NAMED SOILS ENGINEER AND TOPOGRAPHIC SURVEY OF THE EXISTING GROUND SURFACE AT THE TIME OF PLAN PREPARATION. EARTHWORK VOLUMES ARE COMPUTED BY METHODS COMMONLY USED IN STANDARD ENGINEERING PRACTICE, AND ARE INTENDED FOR USE IN ESTABLISHING GOVERNING AGENCY FEES. ACTUAL FIELD CONDITIONS MAY VARY FROM OBSERVED OR MEASURED CONDITIONS AT THE TIME OF PLAN PREPARATION. EARTHWORK QUANTITIES MAY VARY AS A RESULT
- 7. ANY EXPORT OR IMPORT REQUIRED TO BALANCE THE SITE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- PAVEMENT AND SUBGRADE RECOMMENDATIONS RELATED TO OVER-EXCAVATION. PAVEMENT SUBGRADE, ETC., PER GEOTECHNICAL REPORT.

GEOTECHNICAL INFORMATION

FOR SITE PREPARATION, OVEREXCAVATION, FOUNDATION RECOMMENDATIONS, PAVEMENT, SUBGRADE, AND GRADATION REQUIREMENTS SEE GEOTECHNICAL INVESTIGATION REPORT

> GEOLOGICAL HAZARDS AND GEOTECHNICAL ENGINEERING REPORT VALLEY ROBOTICS ACADEMY LODI, CALIFORNIA

PREPARED BY: TERRACON CONSULTANTS, INC. 902 INDUSTRIAL WAY LODI, CA 95240 (209) 367-3701

PROJECT NO: NA195099

DECEMBER 19, 2019

1. ALL ASBESTOS CEMENT PIPE TO BE REMOVED SHALL BE SNAPPED, ENCAPSULATED, AND DISPOSED OF PER LOCAL, STATE, AND FEDERAL REGULATIONS.

IMPORTANT NOTICE

- DOMESTIC WATER SERVICE AND FIRE PROTECTION SHALL BE MAINTAINED DURING CONSTRUCTION. PROVIDE BYPASS LINES DURING CONSTRUCTION INCLUDING TIE-IN. COORDINATE ALL SHUT DOWNS OF WATER AND POWER WITH OWNER PRIOR TO CONSTRUCTION.
- 3. PURSUANT TO CALIFORNIA ASSEMBLY BILL 1953 ALL PIPE, FITTINGS, AND FIXTURES INTENDED TO CONVEY OR DISPENSE WATER FOR HUMAN CONSUMPTION THROUGH DRINKING WATER OR COOKING SHALL BE "LEAD FREE" AS OF JANUARY 1, 2010.

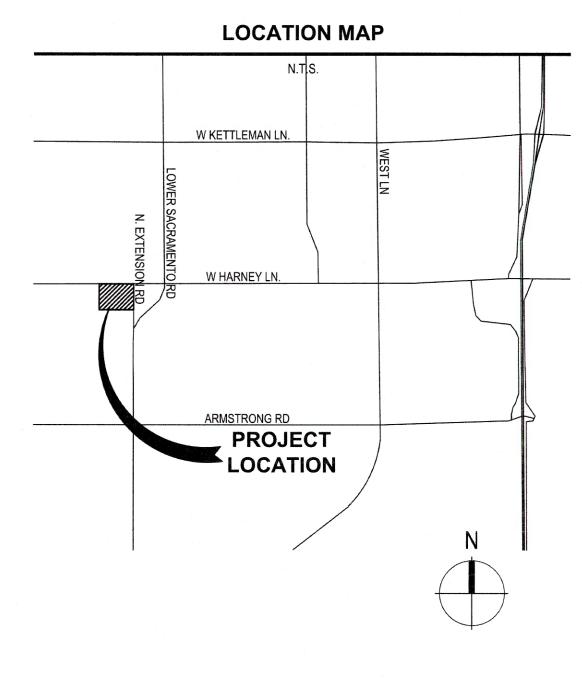
DEDICATED FIRE ACCESS

PORTIONS OF DEMOLITION MAY REQUIRE BLOCKING AND/OR OBSTRUCTING THROUGH ACCESS TO EMERGENCY / FIRE ACCESS VEHICLES. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A FIRE WATCH SPECIALIST SERVICE FOR THE DURATION OF TIME THAT EMERGENCY / FIRE ACCESS VEHICLES ARE BLOCKED AND/OR OBSTRUCTED DURING CONSTRUCTION UNLESS EQUIVALENT ALTERNATE MEASURES ARE TAKEN TO ENSURE CONTINUOUS ACCESS TO EMERGENCY / FIRE ACCESS VEHICLES. CONTRACTOR TO COORDINATE THROUGH ACCESS TO EMERGENCY / FIRE ACCESS VEHICLES WITH THE LOCAL FIRE AUTHORITY HAVING JURISDICTION.

SURVEY DATA

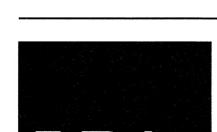
- 1. VERTICAL DATUM: CITY OF LODI (NAVD 88) BENCHMARK: SW COR STORM DRAIN WEIR STRUCTURE, S/ SE COR OF N. BASIN OF DEBENEDETTI PARK, T/ CONCRETE STRUCTURE BENCHMARK NO. 1102, ELEVATION = 32.148'
- BOUNDARY AND EASEMENTS SHOWN HEREON ARE BASED ON TITLE REPORT NO. 2202063054-PL BY OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, EFFECTIVE DATE SEPTEMBER 18TH, 2019.

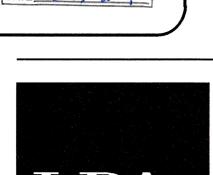
VICINITY MAP N.T.S. **PROJECT** W KETTLEMAN LN



CIVIL SHEET INDEX

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IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC

02 118150

ARCHITECTURE ENGINEERING INTERIORS LANDSCAPE ARCHITECTURE PLANNING 949-261-1001 Office

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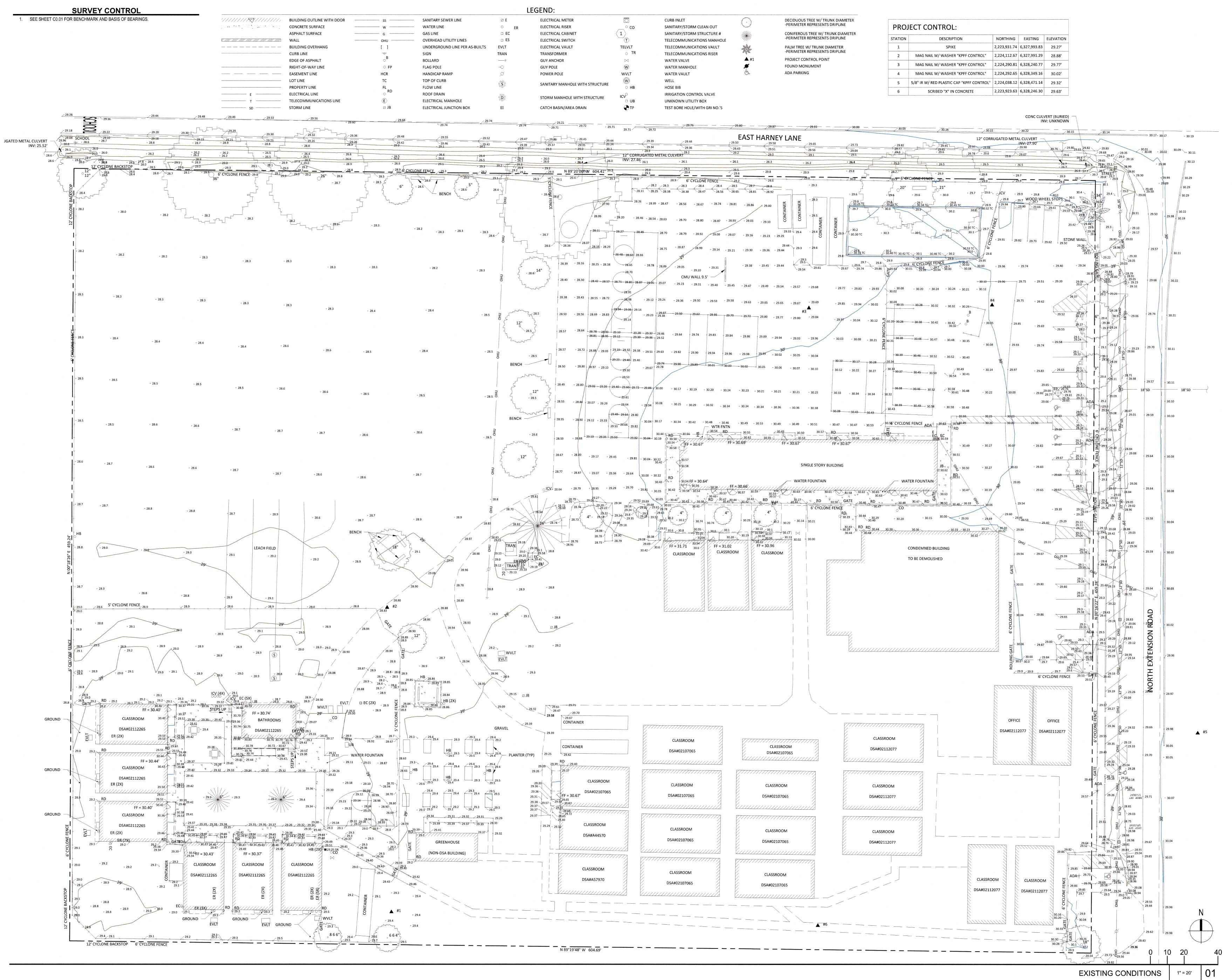
19160.11 Job Number Date Published 01.15.2020 Checked By Scale

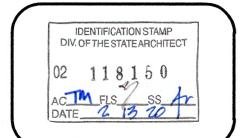
> COVER SHEET

C0.01

DIG ALERT NOTICE

PURSUANT TO THE CALIFORNIA GOVERNMENT CODE SECTION 4216, NO EXCAVATION PERMIT IS VALID UNLESS DIG ALERT HAS BEEN CONTACTED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF EXCAVATION AND AN INQUIRY IDENTIFICATION NUMBER HAS BEEN ISSUED.







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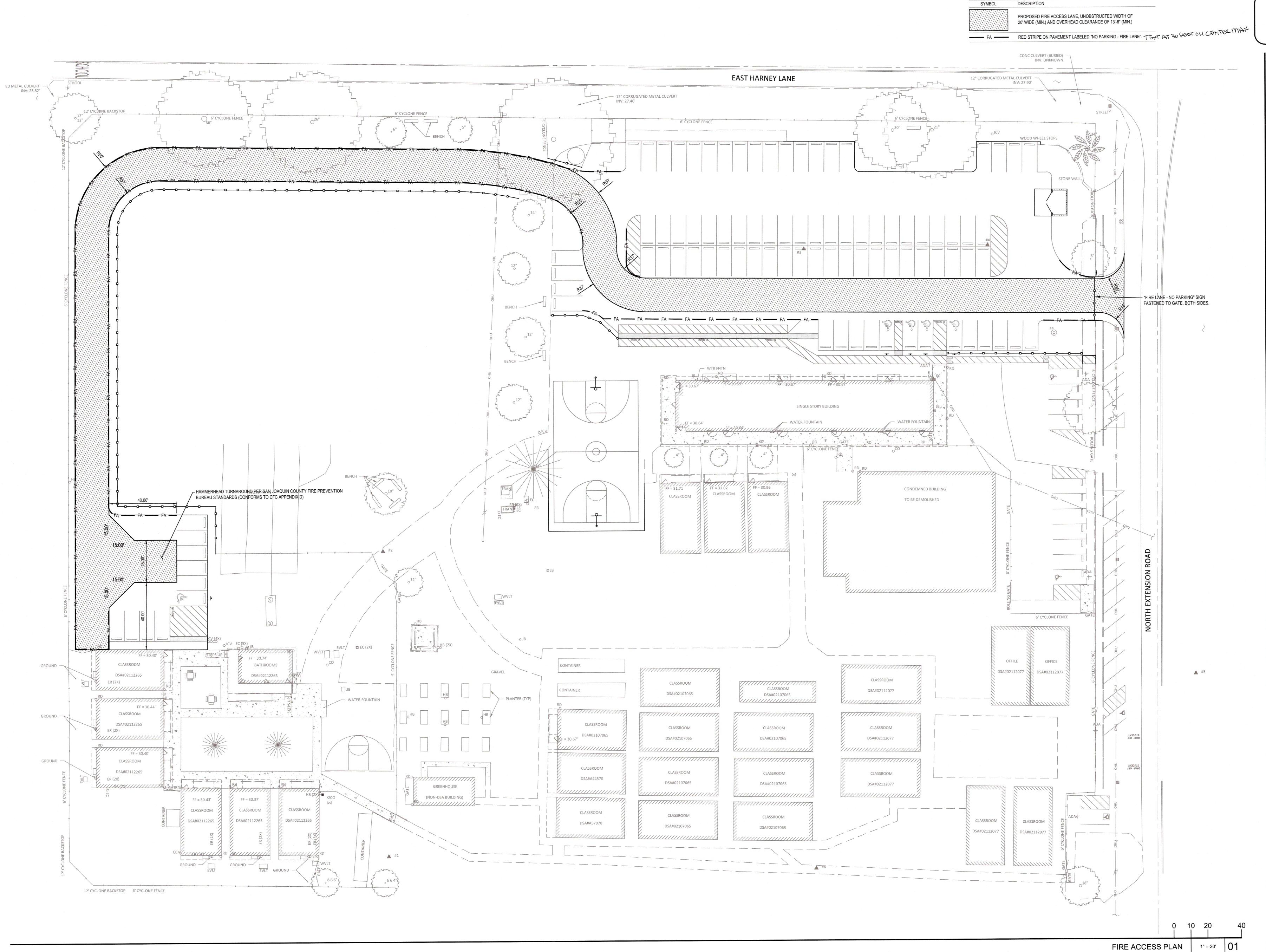
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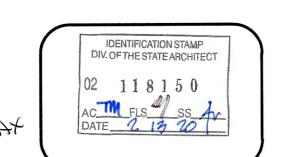
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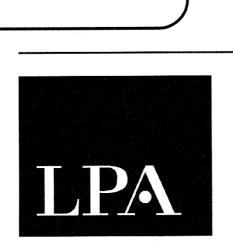
> **EXISTING CONDITIONS**

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LEGEND



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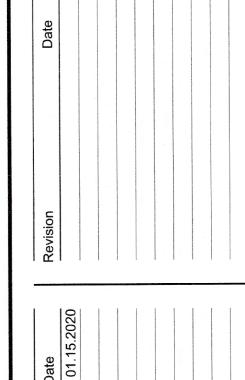
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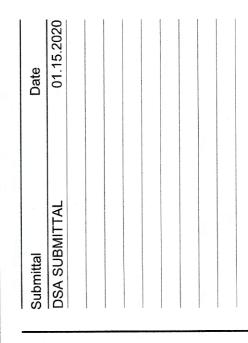
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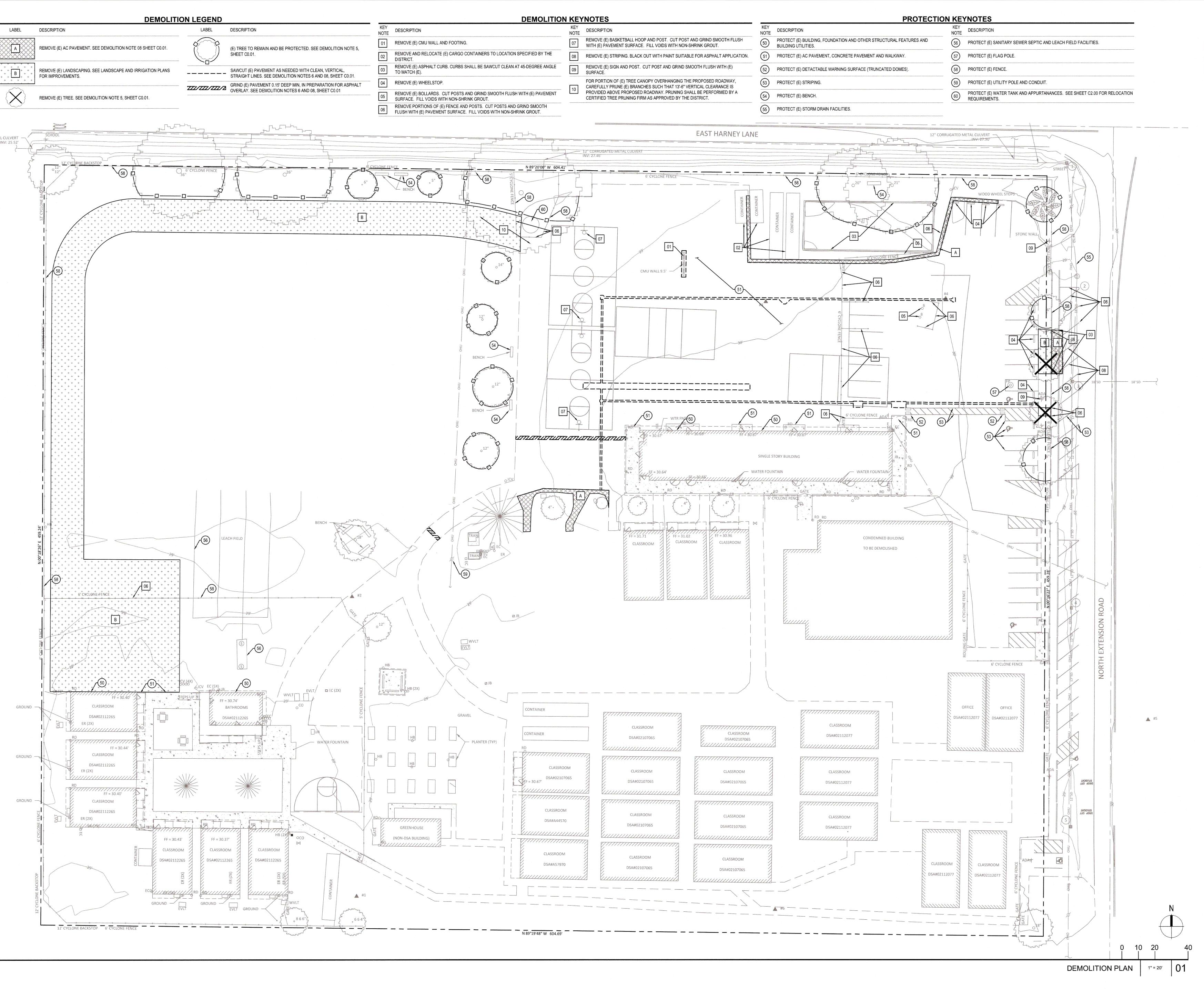
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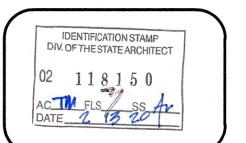
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FIRE ACCESS PLAN

C0.03







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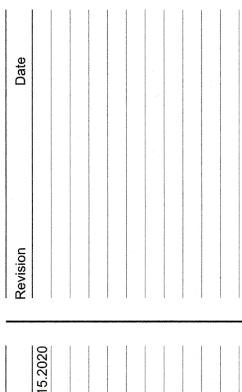
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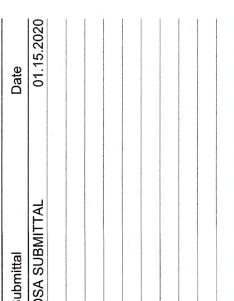


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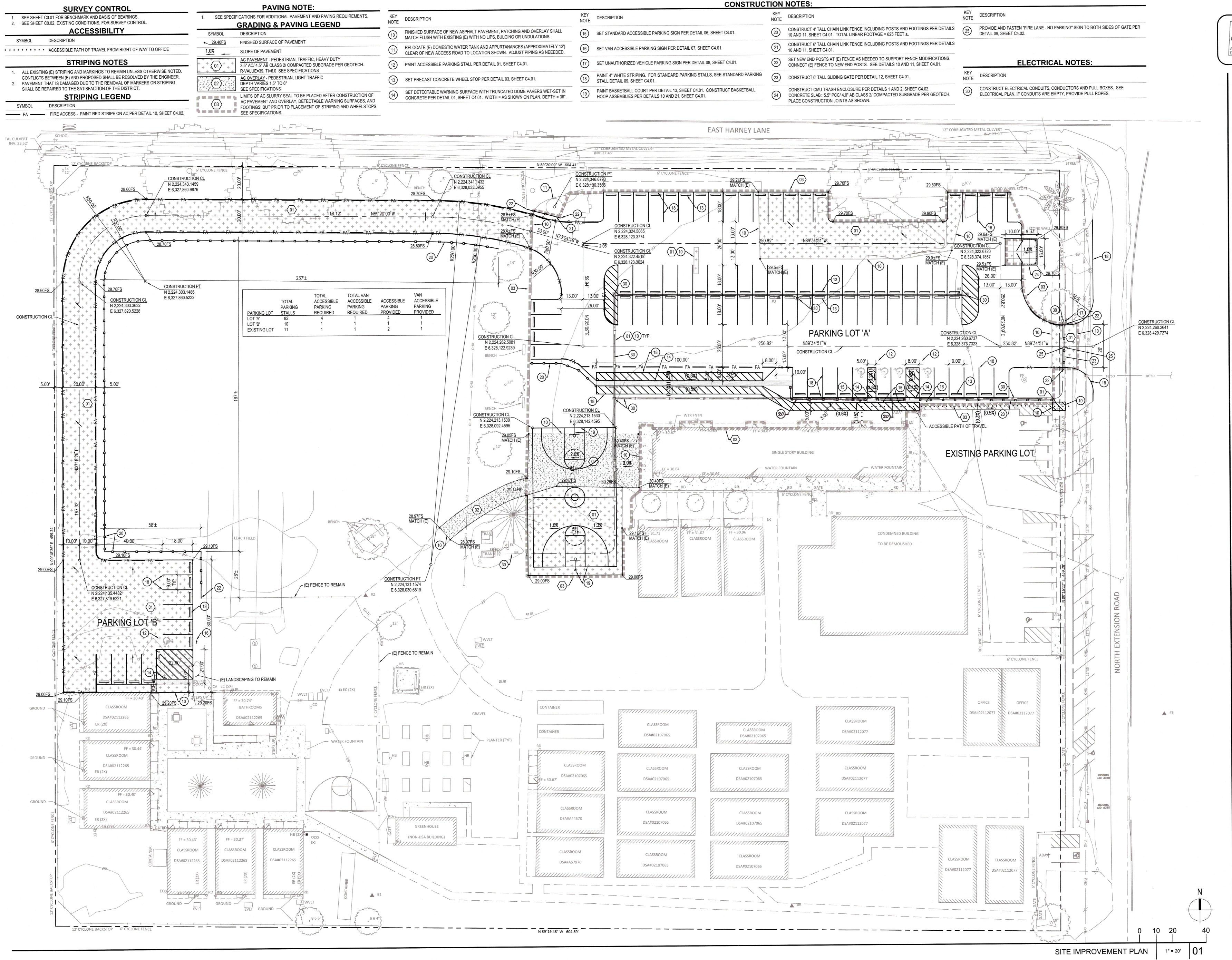


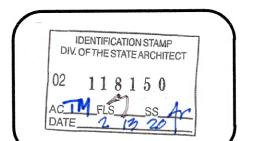


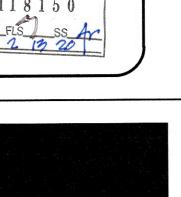
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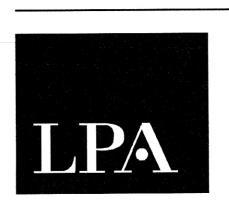
> **DEMOLITION PLAN**

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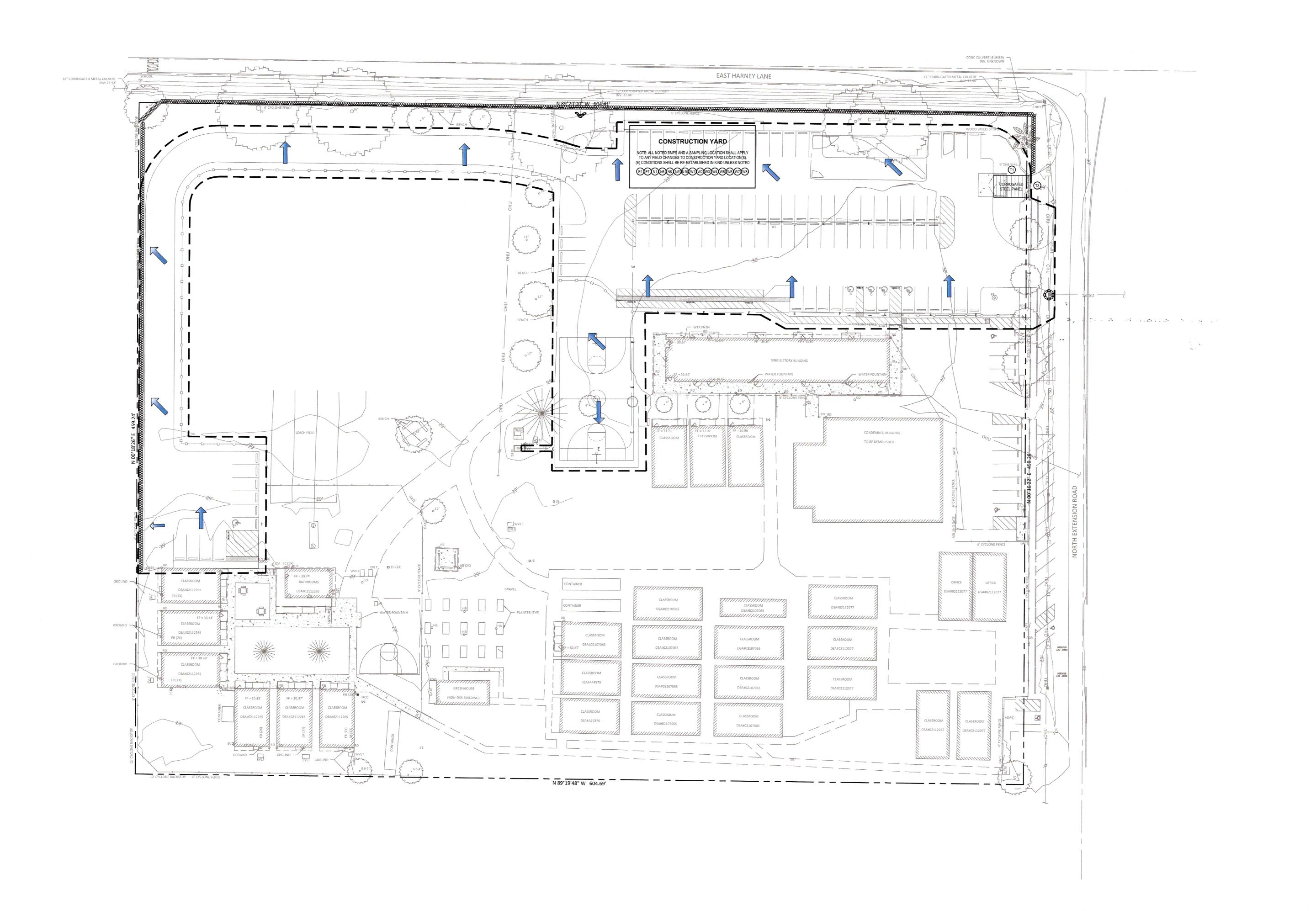
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C2.01



EROSION CONTROL PLAN

EROSION CONTROL NOTES

-SEE SHEET C0.01 FOR EROSION AND SEDIMENT CONTROL NOTES. -SEE SHEET C0.01 FOR BMP MAINTENANCE NOTES.

-ALL BMPS PER CALIFORNIA STORMWATER QUALITY ASSOCIATION (CASQA)(UNLESS NOTED OTHERWISE) AND ARE AVAILABLE AT www.casqa.org. -BMPS "NOT" CALLED OUT PER PLAN, ARE SHOWN FOR REFERENCE AS BMP OPTIONS PER QSP (QUALIFIED SWPPP PRACTITIONER) FIELD RECOMMENDATIONS. -AT THE COMPLETION OF PROJECT, CONTRACTOR SHALL REMOVE ALL CONSTRUCTION BMPS FROM SITE AND DISPOSE IN A LEGAL MANNER.

LEGEND

DESCRIPTION

GRAVEL BAGS AND/OR SANDBAGS PER BMP KEYNOTES FIBER ROLL APPROXIMATE LIMIT OF WORK

SYMBOL

FLOW DIRECTION

EROSION CONTROL BMPs: DESCRIPTION EC-1, SCHEDULING EC-2, PRESERVATION OF EXISTING VEGETATION EC-3, HYDRAULIC MULCH EC-4, HYDROSEEDING EC-5, SOIL BINDERS EC-6, STRAW MULCH EC-7, GEOTEXTILES AND MATS

TRACKING CONTROL BMPs:

TC-1, STABILIZED CONSTRUCTION ENTRANCE/ EXIT. CORRUGATED STEEL PANEL, 15' WIDE x 24' LONG, MIN., TO BE PLACED AT EXISTING SITE ENTRANCE UNTIL CONSTRUCTION OF TRASH ENCLOSURE.

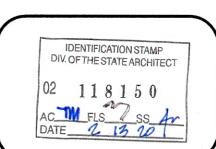
(T3) TC-3, ENTRANCE/OUTLET TIRE WASH

NON-STORMWATER MANAGEMENT CONTROL BMPs:

(N1)	NS-1, WATER CONSERVATION PRACTICES
N3	NS-3, PAVING AND GRINDING OPERATIONS
N6	NS-6, ILLICIT CONNECTION/DISCHARGE
N7	NS-7, POTABLE WATER/IRRIGATION
N8	NS-8, VEHICLE AND EQUIPMENT CLEANING
N9	NS-9, VEHICLE AND EQUIPMENT FUELING
(N10)	NS-10, VEHICLE AND EQUIPMENT MAINTENANCE

WASTE MANAGEMENT AND MATERIALS

	POLLUTION CONTROL BMPs:
W1)	WM-1, MATERIAL DELIVERY AND STORAGE
W2	WM-2, MATERIAL USE
W3	WM-3, STOCKPILE MANAGEMENT
W4	WM-4, SPILL PREVENTION AND CONTROL
W5)	WM-5, SOLID WASTE MANAGEMENT
W6	WM-6, HAZARDOUS WASTE MANAGEMENT
W9	WM-9, SANITARY/SEPTIC WASTE MANAGEMENT
W10	WM-10, LIQUID WASTE MANAGEMENT

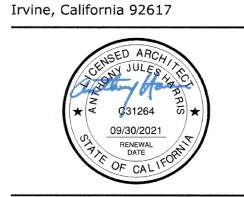




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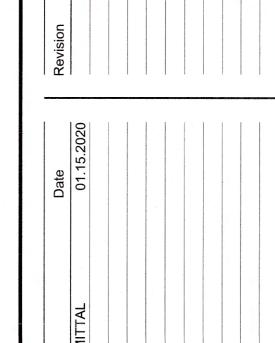
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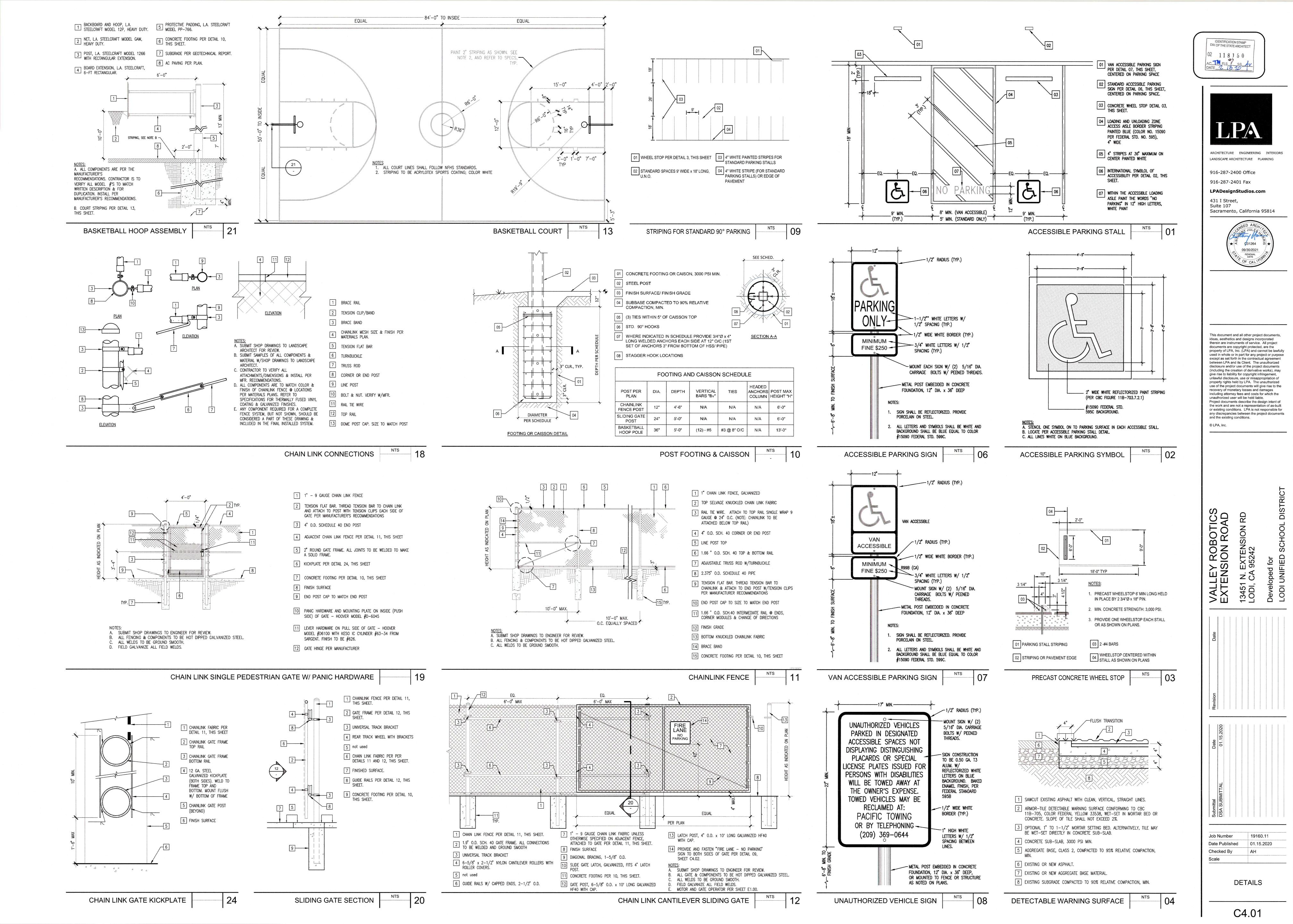
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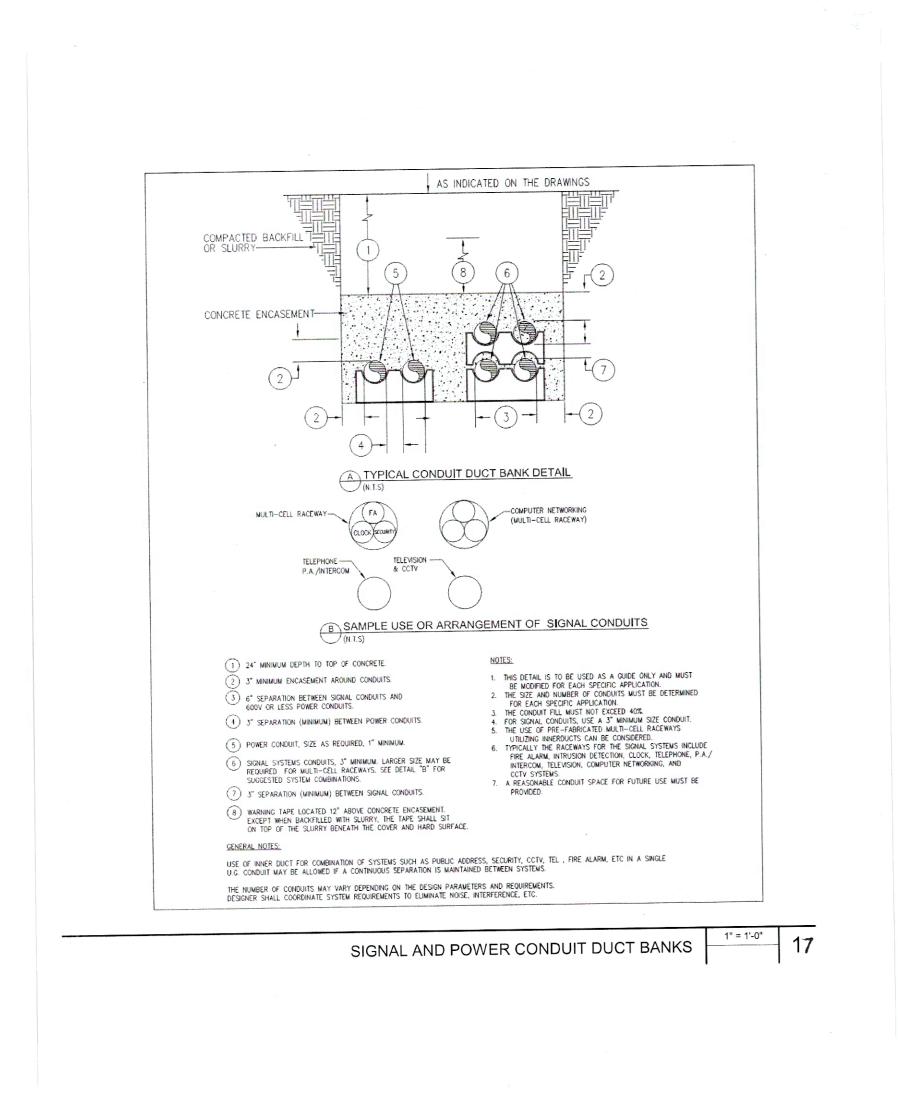


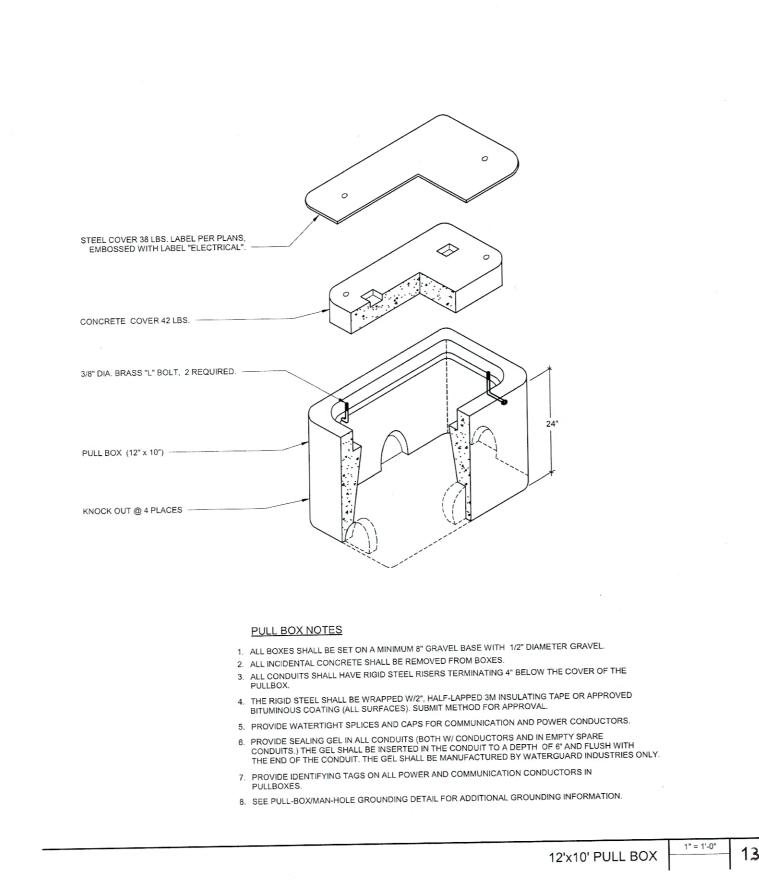
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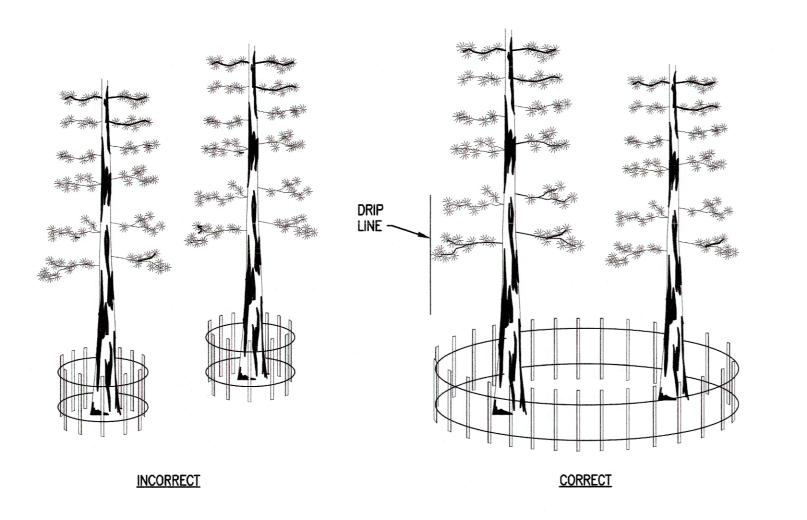
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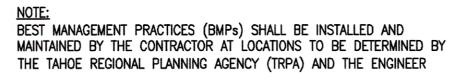
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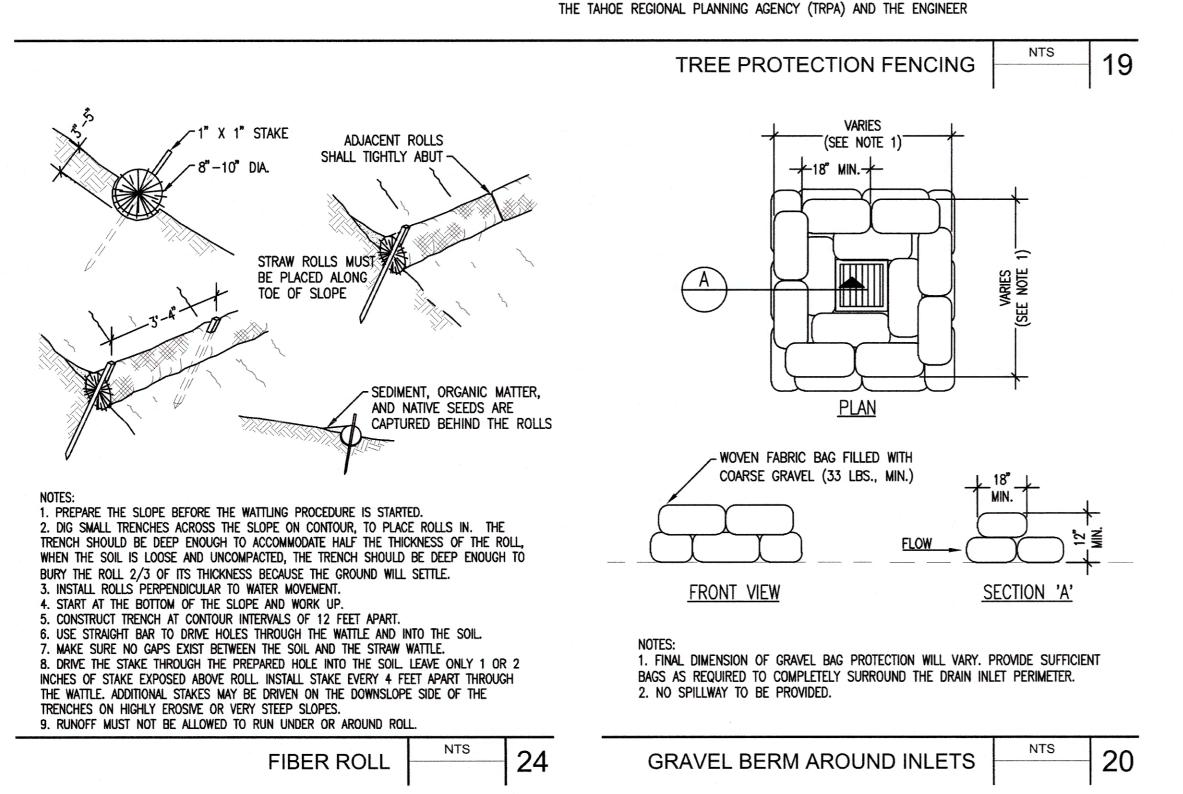


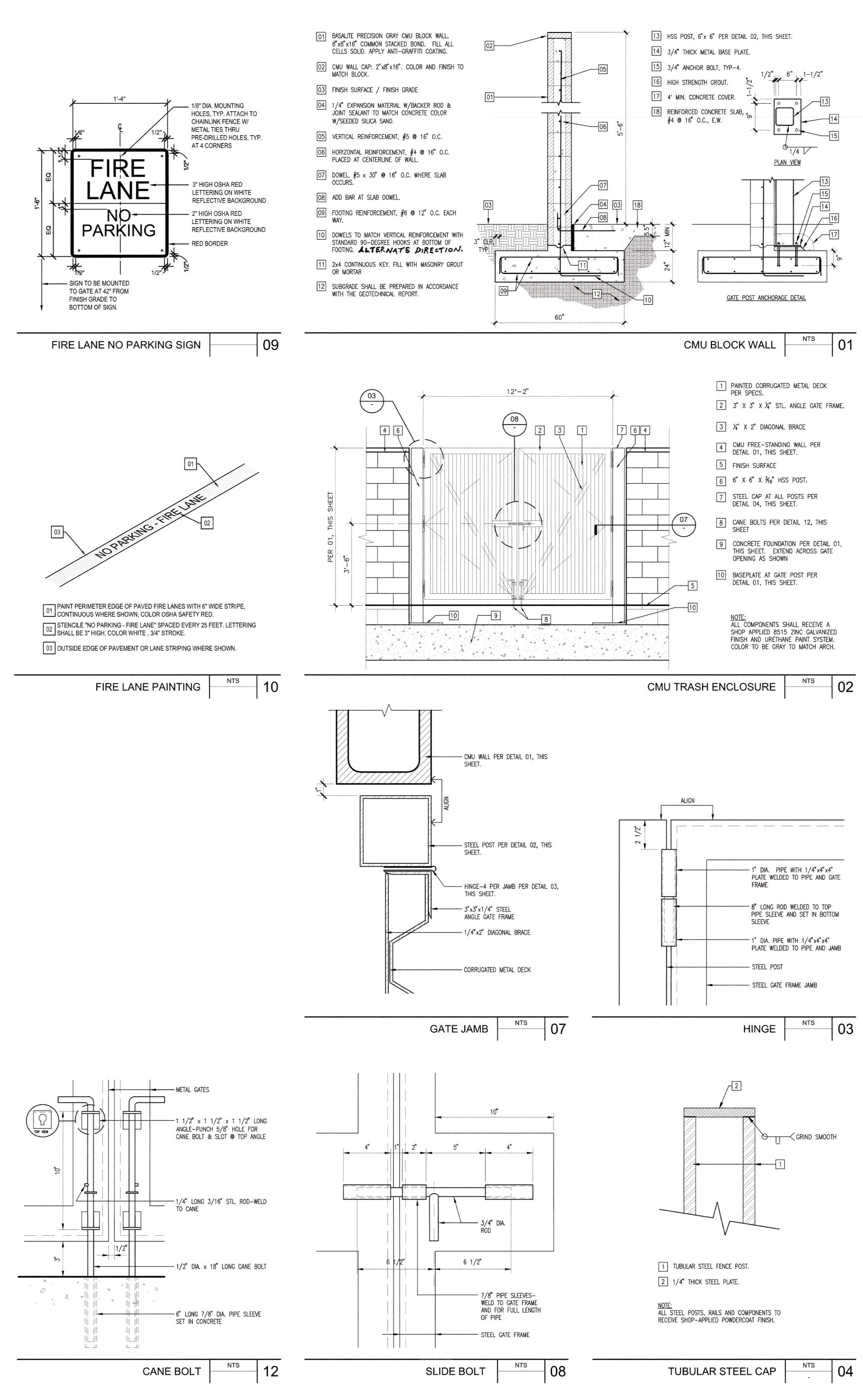


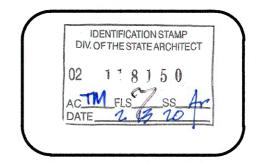


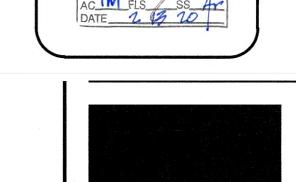












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09/30/2021

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DETAILS

C4.02

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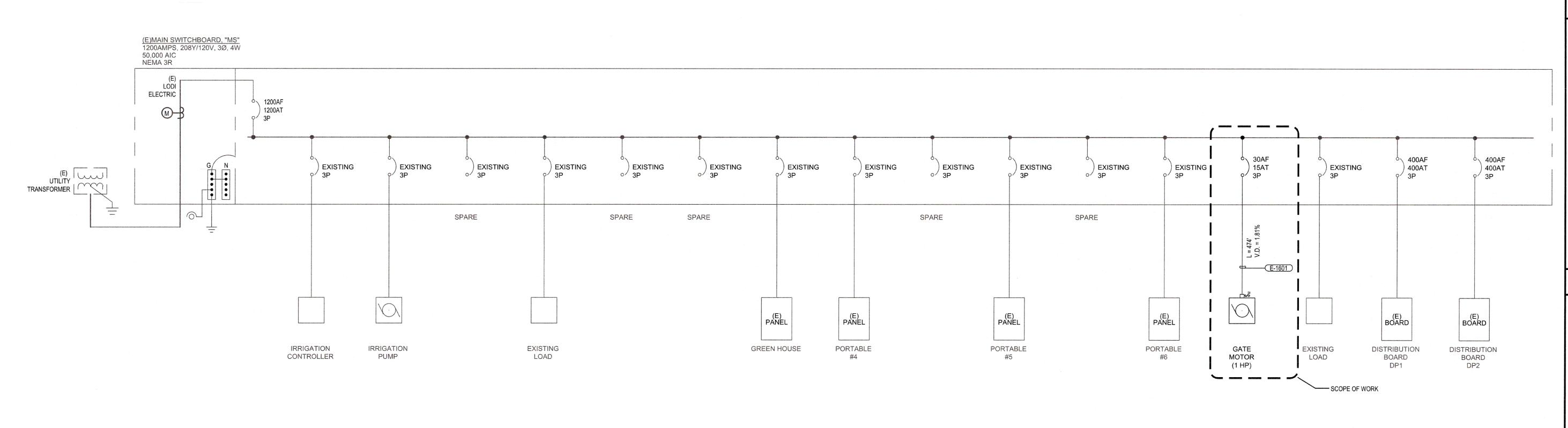
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SINGLE LINE GENERAL NOTES

- ALL ELECTRICAL EQUIPMENT SHALL BE PROVIDED WITH SPECIFIED AND APPROPRIATE UL LISTING BASED ON THE ENVIRONMENT IN WHICH THE EQUIPMENT IS TO BE MOUNTED.
- 2. ALL TERMINATIONS AND ENCLOSURES SHALL BE RATED FOR USE WITH 75 DEGREES CELSIUS
- 3. GROUND ALL ELECTRICAL EQUIPMENT, BRANCH CIRCUITS, FEEDERS, PANEL AND DISTRIBUTION
- BOARDS, ELECTRICAL SERVICES, ETC. PER ADOPTED CEC ARTICLE 250.

 4. PROVIDE NAMEPLATE FOR MOTOR-RATED SWITCH AS FOLLOWED:
- LINE 1 = 3/8" LETTERS, LINES 2, 3, & 4 = 1/4" LETTERS
 ALL NAMEPLATES SHALL BE FASTENED WITH A MINIMUM OF TWO (2) MACHINE SCREWS. NO SELF
 ADHESIVE NAMEPLATES ARE ALLOWED.
- ELECTRICAL DESIGN COMPUTES VOLTAGE DROP BASED ON FEEDER LENGTHS REFERENCED ON SINGLE-LINE DIAGRAM. EC TO NOTIFY ENGINEER OF RECORD IN EVENT FIELD CONDITIONS CAUSE A
- SUBSTANTIAL INCREASE IN OVERALL FEEDER LENGTH.
- ALL MOTOR RELATED CIRCUITS ARE TO BE PROVIDED WITH PROTECTIVE RELAYS FOR PHASE FAILURE AND UNDER-VOLTAGE.
 ALL FEEDER DISTANCES REFERENCED ON DRAWINGS ARE FOR DESIGN PURPOSES ONLY. LENGTHS
- AS INDICATED ARE NOT TO BE UTILIZED IN MATERIAL TAKE-OFFS.

 8. ALL EQUIPMENT SHOWN IN SINGLE LINE DIAGRAM IS EXISTING, UON, AND SHOWN FOR REFERENCE

SINGLE LINE KEYNOTES

E-1601 RUN 3#10 + 1#10GND IN 1-1/2" CONDUIT.

SINGLE LINE DIAGRAM 02

ELECTRICAL SITE PLAN

1" = 20'

SITE PLAN GENERAL NOTES

THESE NOTES ESTABLISH MINIMUM QUALITY LEVELS AND COORDINATION REQUIREMENTS. RESPECTIVE UTILITY COMPANY PLANS AND REQUIREMENTS TAKE PRECEDENCE OVER THESE NOTES WITH REGARD TO RESPECTIVE UTILITY COMPANY CONDUIT AND UNDERGROUND STRUCTURE SYSTEMS.

- 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.
- COORDINATE ALL UNDERGROUND STRUCTURES AND CONDUIT ROUTING WITH CIVIL ENGINEER PRIOR TO ROUGH-IN TO ENSURE THAT SUCH ITEMS ARE NOT PLACED IN CRITICAL AREAS.
- 3. VAULTS, MAINTENANCE HOLES (MH's) AND CONDUITS SHALL MAINTAIN A MINIMUM COVER OF 24" BELOW FINAL SURFACE AT ALL CONDITIONS. INCLUDE ALL COSTS IN BASE BID TO MEET UTILITY COMPANY REQUIREMENTS WHICH MAY REQUIRE GREATER MINIMUM CONDUIT DEPTHS.
- 4. VAULTS, MH's AND PULLBOXES (PB's) SHALL BE EQUIPPED WITH KNOCKOUT PANELS OR PRE-CAST INDIVIDUAL CONDUIT OPENINGS. CONDUITS SHALL ONLY ENTER AND EXIT ON END/SHORT WALLS. CONDUITS MAY NOT ENTER AND EXIT ON SIDE/LONG WALLS, CEILINGS OR FLOORS UNLESS OTHERWISE NOTED.
- 5. CUT DUCTS FLUSH WITH INTERIOR VAULT/MH/PB WALL.
- 6. GROUT AROUND DUCT ENTRANCES ON VAULT/MH/PB WALLS.
- SLURRY BACKFILL AROUND DUCTS WITHIN 5 FEET OF VAULT/MH/PB TO PREVENT SHEARING.
- 8. VAULTS/MH's/PB's ARE TO BE EQUIPPED WITH RACKING, GROUNDING LUGS, AND BOLT-DOWN LIDS UNLESS OTHERWISE NOTED.
- 9. COORDINATE FINAL VAULT/MH/PB OPENING HEIGHT WITH G.C. PRIOR TO ROUGH-IN TO ENSURE FINAL GRADE DOES NOT SLOPE INTO VAULT/MH/PB
- 10. ALL VAULTS/MH's/PB's WITHOUT GROUNDING LUGS SHALL HAVE AN 8' x 3/4"
- COPPER GROUND ROD DRIVEN THRU THE FLOOR TO ALLOW GROUNDING OF ITEMS WITHIN.
- 11. ALL VAULTS/MH's/PB's SHALL BE PROVIDED WITH TRAFFIC RATED COVERS WHEN LOCATED IN PAVED AREAS UTILIZED FOR VEHICLE TRAFFIC.
- 12. ELECTRICAL (POWER) AND TECHNOLOGY UNDERGROUND CONDUITS TO BE INSTALLED IN A JOINT TRENCH. MAINTAIN A MINIMUM 12" SEPARATION BETWEEN POWER AND LOW VOLTAGE CONDUITS.

SITE PLAN KEYNOTES

- E-1501 CONNECTION FOR GATE MOTOR. MOTOR TO BE LINEAR, MODEL HSLG-1, 208V, 3-PHASE, 1-HP.

 MANUFACTURER TO PROVIDE LUMINAIRE FOR SECURITY LIGHTING INCORPORATED WITH THE

 MOTOR UNIT. GATE OPERATOR TO BE LISTED IN ACCORDANCE WITH UL 325 AND ASTM F2200,

 PER SPEC 323136, SECTION 2.01.B.
- (E-1502) PROVIDE A WEATHERPROOF MOTOR-RATED SWITCH. MOUNT NEXT TO MOTOR.
- E-1503 ROUTE TWO SPARE 1-1/2" CONDUITS FOR FUTURE LIGHTING, WITH PULLSTRINGS, BACK TO (N) PULLBOX, AS SHOWN.
- E-1504 ROUTE SPARE 1-1/2" COMMUNICATIONS CONDUIT, WITH PULLSTRINGS, IN PARALLEL WITH POWER CONDUITS BACK TO (N) PULLBOX, AS SHOWN. CONDUIT TO TERMINATE IN A FLOOR BOX BY THE MOTOR GATE AND BE CAPPED.

Submittal Date DSA SUBMITTAL 01.15.2020

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ELECTRICAL PLAN E1.00

