

Rev. Date	Description
1 04/14/2015	ADDENDUM 01

JOB NO:	13022.02
DATE:	03/06/2015
DRAWN:	MM / RR / RB
CHECK:	JG / MM
ARCHITECT:	PDW
ENGINEER:	
ARCHITECT:	



STATE:	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
APP NO:	04-113798
FILE NO:	30-C2
DATE:	
AC:	FLS SS

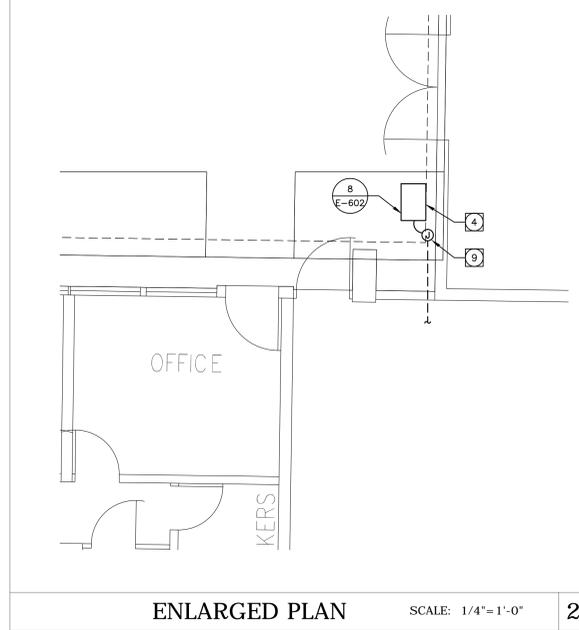
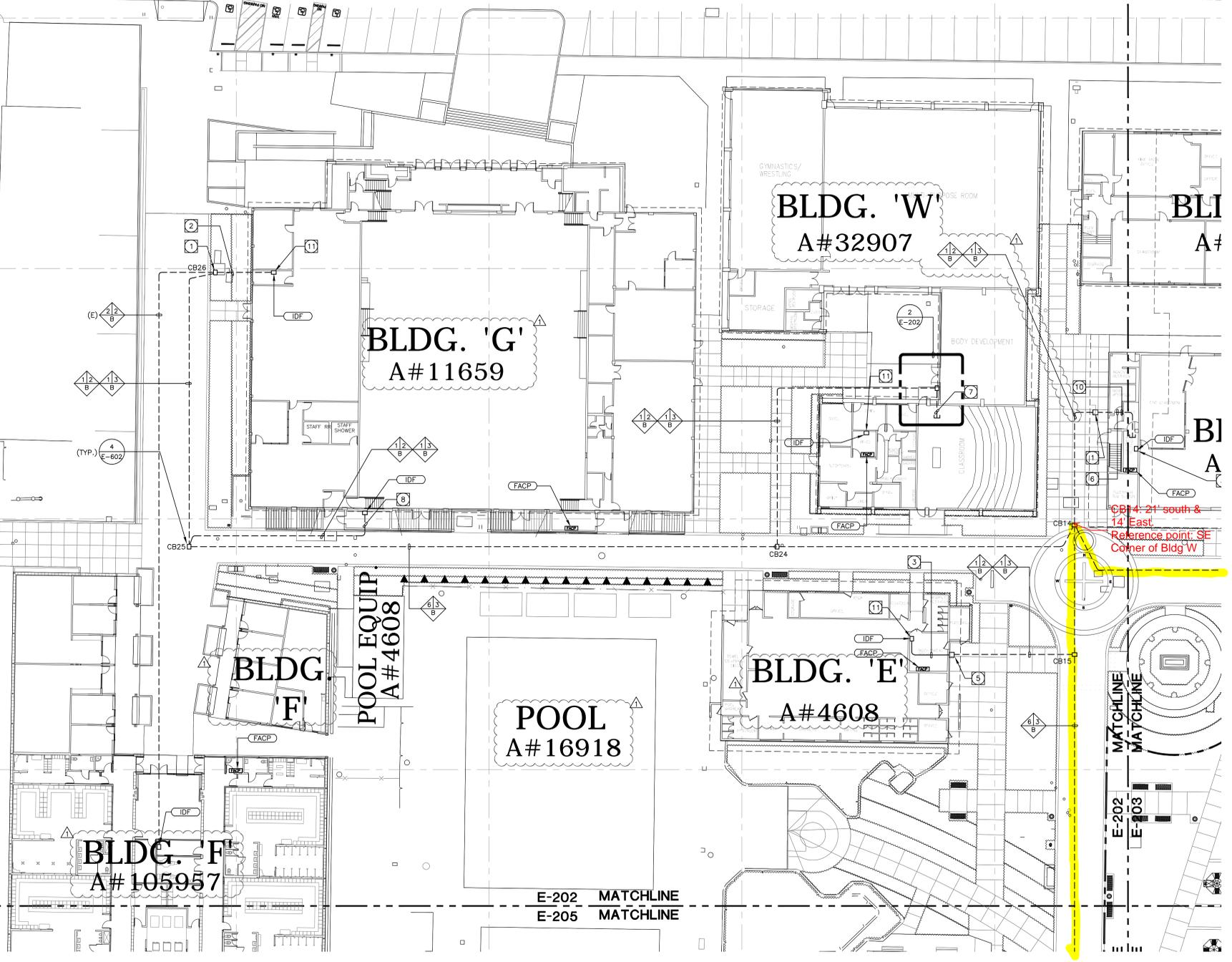
SHEET DESCRIPTION:
 PARTIAL SITE SIGNAL
 PLAN

SHEET NO:

E-202
FOR REFERENCE ONLY

PARKING LOT #1
A#112268

WEIGH ROOM



ENLARGED PLAN SCALE: 1/4"=1'-0" 2

ENLARGED SITE SIGNAL PLAN SCALE: 1"=20'-0" 1

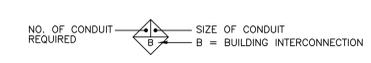
GENERAL DEMOLITION NOTES:

- THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS. SEE ARCHITECTURAL PLANS, WHERE PROVIDED ON PROJECT, FOR EXTENT OF DEMOLITION.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- DO ALL DRILLING, CUTTING, ETC. REQUIRED TO DEMOLISH ELECTRICAL WORK AS INDICATED OR PROVIDE BLANK COVER PLATE ON ALL OUTLETS EXPOSED BY REMOVAL OF FIXTURE OF DEVICES.
- RESEAL ALL PENETRATIONS OR OPENING THROUGH WALLS, CEILING, FLOORS, ETC., TO MAINTAIN THE RATING OF STRUCTURE.
- ALL REMOVED MATERIALS AND EQUIPMENT WHICH ARE 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 AND PROTECT FROM DAMAGE. DISPOSE OF ALL HAZARDOUS MATERIAL PER FEDERAL, STATE AND LOCAL REGULATIONS AND OTHER AGENCIES HAVING JURISDICTION.
- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT/WIRING RUNS, REUSE AS REQUIRED AND REMOVE ALL UNUSED CONDUIT/WIRING. UNUSED CONDUIT IN INACCESSIBLE LOCATIONS (WALLS TO REMAIN) CAN BE ABANDONED IN PLACE. REMOVE UNUSED WIRING, TO INCLUDE ABANDONED TELEPHONE, DATA AND OTHER LOW VOLTAGE SYSTEMS CABLING AFTER CONFIRMING WITH THE OWNER'S PROJECT MANAGER THAT CABLING IS ABANDONED AND WILL NOT BE RE-USED.
- CONTRACTOR TO VERIFY CIRCUIT NUMBER AND LOADS FOR ALL EXISTING EQUIPMENT PRIOR TO INSTALLATION OF NEW OR RELOCATED ELECTRICAL EQUIPMENT. REASSIGN CIRCUITS AND LOADS ACCORDINGLY. PROVIDE COMPLETE "AS-BUILT" DRAWINGS AND TYPED DIRECTORIES FOR PANELS.
- 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.

SITE PLAN GENERAL NOTES:

- 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 UNDERGROUND UTILITIES OR STRUCTURES 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 IMMEDIATELY NOTIFY THE ENGINEER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY ELEMENTS FOR CONSTRUCTION SAFETY.
- 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.
- MINIMUM CONDUIT SIZE SHALL BE 3/4" - U.O.N.
- MINIMUM CONDUIT SIZE SHALL BE #10 AWG. - U.O.N.
- ALL SITE BRANCH CIRCUITS SHALL INCLUDE A NEC SIZED EQUIPMENT GROUND CONDUCTOR.
- ALL ELECTRICAL EQUIPMENT MOUNTED OUTDOORS SHALL BE WEATHERPROOF (NEMA #3R).
- ALL CONDUIT ONLY SHALL BE PROVIDED WITH A NYLON PULL STRING.

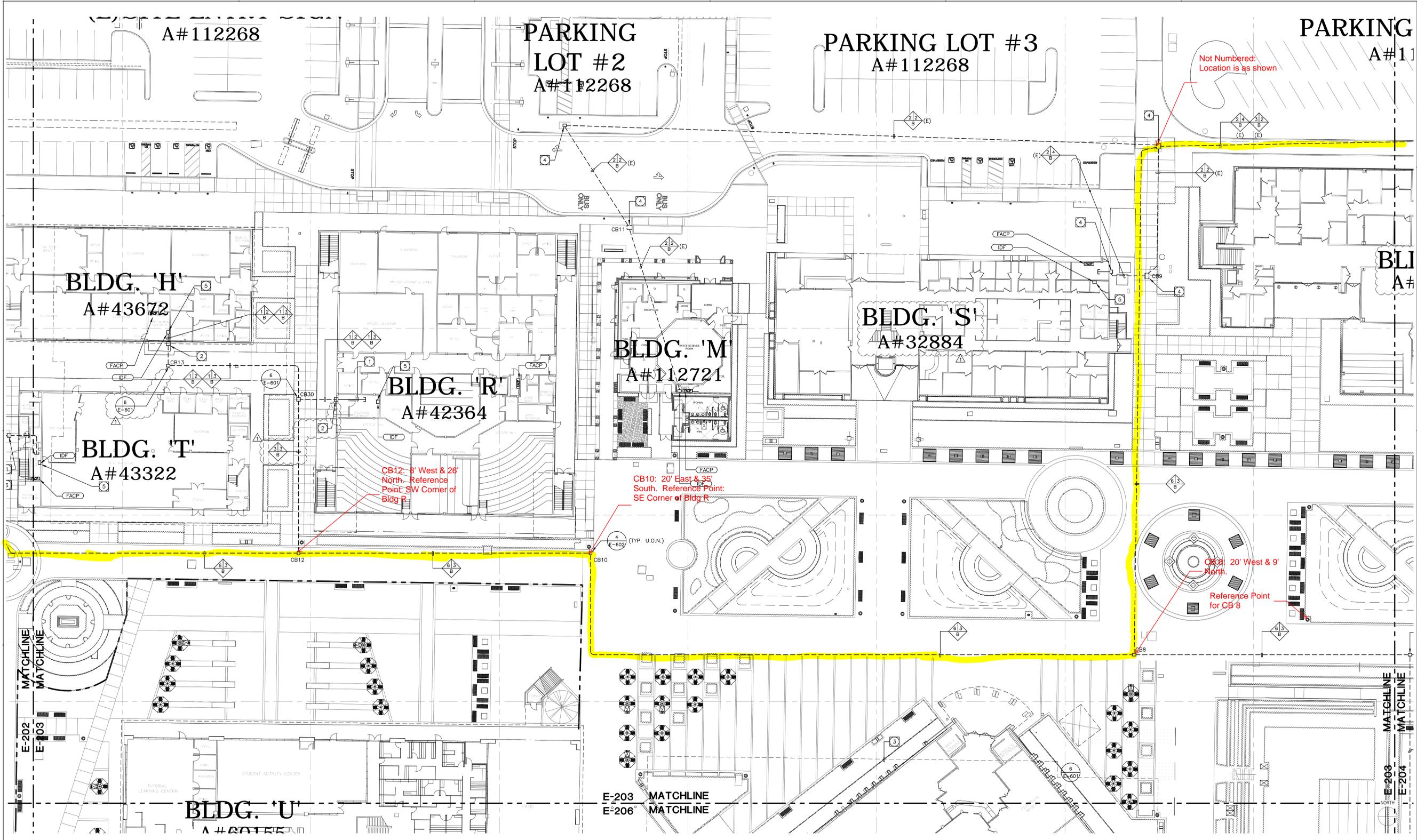
LEGEND OF CONDUIT SYMBOLS



11 PROVIDE CONNECTION TO THE EXISTING EMS SYSTEM. SEE SPECIAL EMS SYSTEM NOTE ON SHEET MP002 FOR REQUIREMENTS.

NOTES:

- EXISTING PULLBOX.
- EXISTING 3" AND 2" C. SPARES TO BE USED FOR NEW CABLES. SEE SHEET E-701 FOR MORE INFORMATION.
- (1)3" AND (1)2" C. WITH CABLES AS SPECIFIED. ROUTED ABOVE CEILING.
- DATA DISTRIBUTION PEDESTAL SEE SPECIFICATIONS.
- CONDUITS SHALL BE ROUTED UP THE EXTERIOR OF THE BUILDING TO A 24"x24"x12" PULLBOX.
- ROUTE NEW CABLES AS REQUIRED IN EXISTING SPARE INNERDUCT TO EXISTING IDF.
- PROVIDE (4) 2" C.O. FROM PEDESTAL TO ACCESSIBLE CEILING SPACE.
- CONTRACTOR SHALL CORE DRILL FOUNDATION AND SAW CUT FLOOR TO ROUT CONDUITS TO IDF. PATCH FLOOR AS REQUIRED TO MATCH EXISTING AFTER INSTALLATION OF CONDUITS.
- REMOVE EXISTING RECEPTACLE AND INTERCEPT AND EXTEND CIRCUIT TO PEDESTAL. PROVIDE ALL NECESSARY CONDUIT, WIRE ETC. AS REQUIRED. VERIFY CIRCUIT NUMBER IN FIELD.
- CONTRACTOR SHALL PULL BACK EXISTING FIBER OPTIC CABLES AND LEAVE COILED IN EXISTING PULLBOX.



ENLARGED SITE SIGNAL PLAN SCALE: 1" = 20'-0" 1

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- MINIMUM CONDUIT SIZE SHALL BE 3/4" - U.O.N.
- MINIMUM CONDUCTOR SIZE SHALL BE #10 AWG. - U.O.N.
- ALL SITE BRANCH CIRCUITS SHALL INCLUDE A NEC SIZED EQUIPMENT GROUND CONDUCTOR.
- ALL ELECTRICAL EQUIPMENT MOUNTED OUTDOORS SHALL BE WEATHERPROOF (NEMA #3R).
- ALL CONDUIT ONLY SHALL BE PROVIDED WITH A NYLON PULL STRING.

LEGEND OF CONDUIT SYMBOLS



NOTES:

- (1)3"C. AND (1)2"C. WITH CABLES AS SPECIFIED ROUTED ABOVE CEILING
- CONDUITS SHALL BE ROUTED UP THE EXTERIOR OF THE BUILDING TO A 24"x24"x12" PULLBOX.
- OUTLINE OF FUTURE BUILDING.
- EXISTING PULLBOX.
- PROVIDE CONNECTION TO THE EXISTING EMS SYSTEM. SEE SPECIAL EMS SYSTEM NOTE ON SHEET MPO02 FOR REQUIREMENTS.

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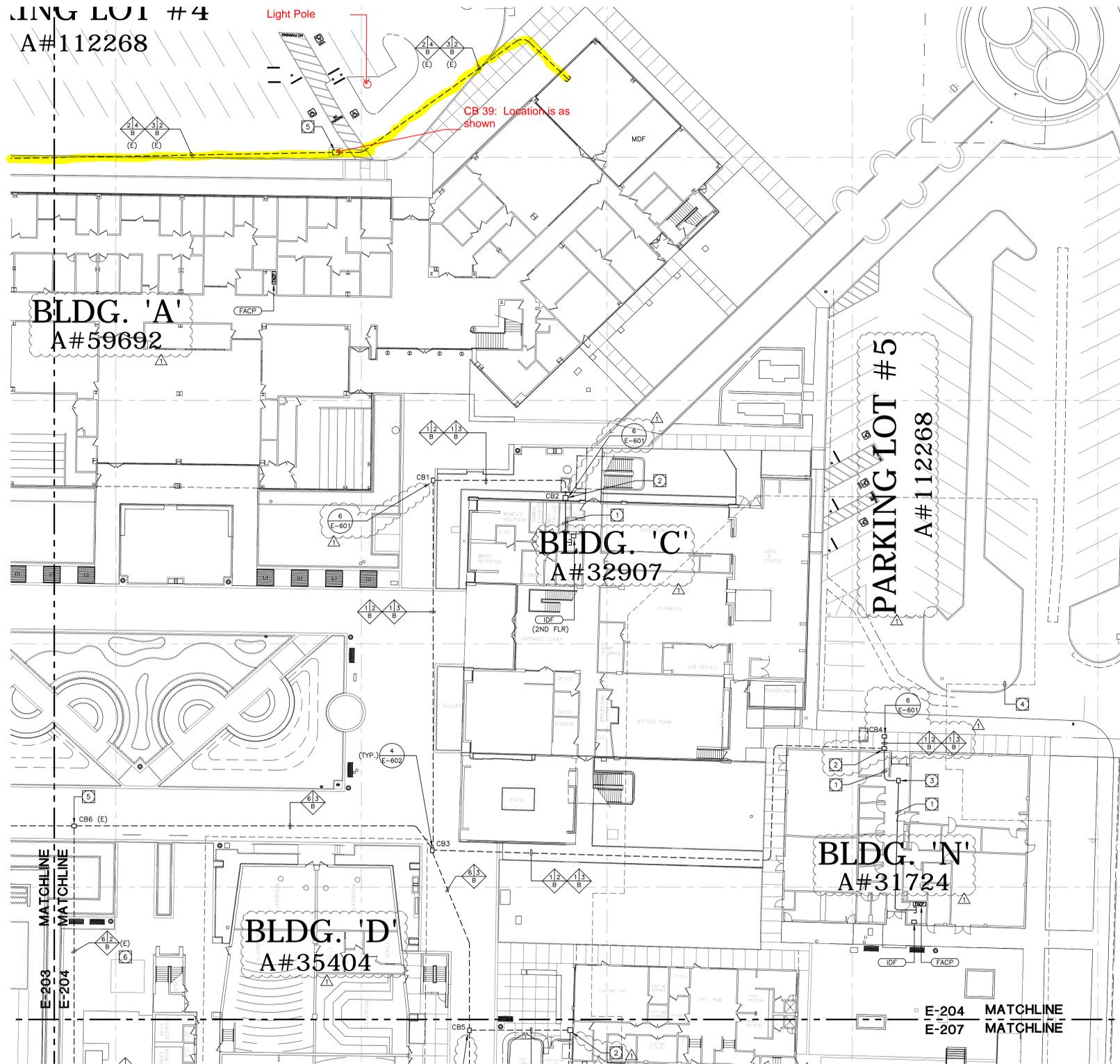


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DATE:	

SHEET DESCRIPTION:
 PARTIAL SITE SIGNAL
 PLAN

SHEET NO:
E-203

JING LOT #4
A#112268



ENLARGED SITE SIGNAL PLAN SCALE: 1"=20'-0" 1

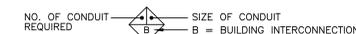
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8. DO ALL DRILLING, CUTTING, ETC. REQUIRED TO DEMOLISH ELECTRICAL WORK AS INDICATED OR PROVIDE BLANK COVER PLATE ON ALL OUTLETS EXPOSED BY REMOVAL OF FIXTURE OF DEVICES.
9. RESEAL ALL PENETRATIONS OR OPENING THROUGH WALLS, CEILING, FLOORS, ETC., TO MAINTAIN THE RATING OF STRUCTURE.
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SITE PLAN GENERAL NOTES:

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3. MINIMUM CONDUIT SIZE SHALL BE 3/4" - U.O.N.
4. MINIMUM CONDUIT SIZE SHALL BE #10 AWG. - U.O.N.
5. ALL SITE BRANCH CIRCUITS SHALL INCLUDE A NEC SIZED EQUIPMENT GROUND CONDUCTOR.
6. ALL ELECTRICAL EQUIPMENT MOUNTED OUTDOORS SHALL BE WEATHERPROOF (NEMA #3R).
7. ALL CONDUIT ONLY SHALL BE PROVIDED WITH A NYLON PULL STRING.

LEGEND OF CONDUIT SYMBOLS



NOTES:

- 1 (1)3/8" AND (1)2". WITH CABLES AS SPECIFIED ROUTED ABOVE CEILING.
- 2 CONDUITS SHALL BE ROUTED UP THE EXTERIOR OF THE BUILDING TO A 24"x24"x12" PULLBOX.
- 3 24"x24" PULLBOX MOUNTED ABOVE CEILING.
- 4 OUTLINE OF FUTURE BUILDING.
- 5 EXISTING PULLBOX.
- 6 EXISTING 2" SPARES TO BE USED FOR NEW CABLES. SEE SHEET E-701 FOR MORE INFORMATION.
8. SEE ARCHITECTURAL/LANDSCAPE ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF FIXTURES, PULLBOXES, MANHOLES, OTHER ELECTRICAL DEVICES, ETC. COORDINATE ALL UNDERGROUND STRUCTURES AND CONDUIT ROUTING WITH LANDSCAPE ARCHITECT PRIOR TO ROUGH-IN TO ENSURE THAT SUCH ITEMS ARE NOT PLACED IN CRITICAL LANDSCAPE PLANTING/HARDSCAPE AREAS.
9. UNLESS SPECIFICALLY SHOWN AS (E), (R), (ER), (D), EXISTING OR NON-BOLD, ALL ELECTRICAL DEVICES SHOWN ARE NEW.
10. PRIOR TO ANY EXCAVATION THE CONTRACTOR SHALL LOCATE AND VERIFY ALL UNDERGROUND UTILITIES BY SCANNING AND POTHOLING AND/OR WHATEVER MEANS NECESSARY.

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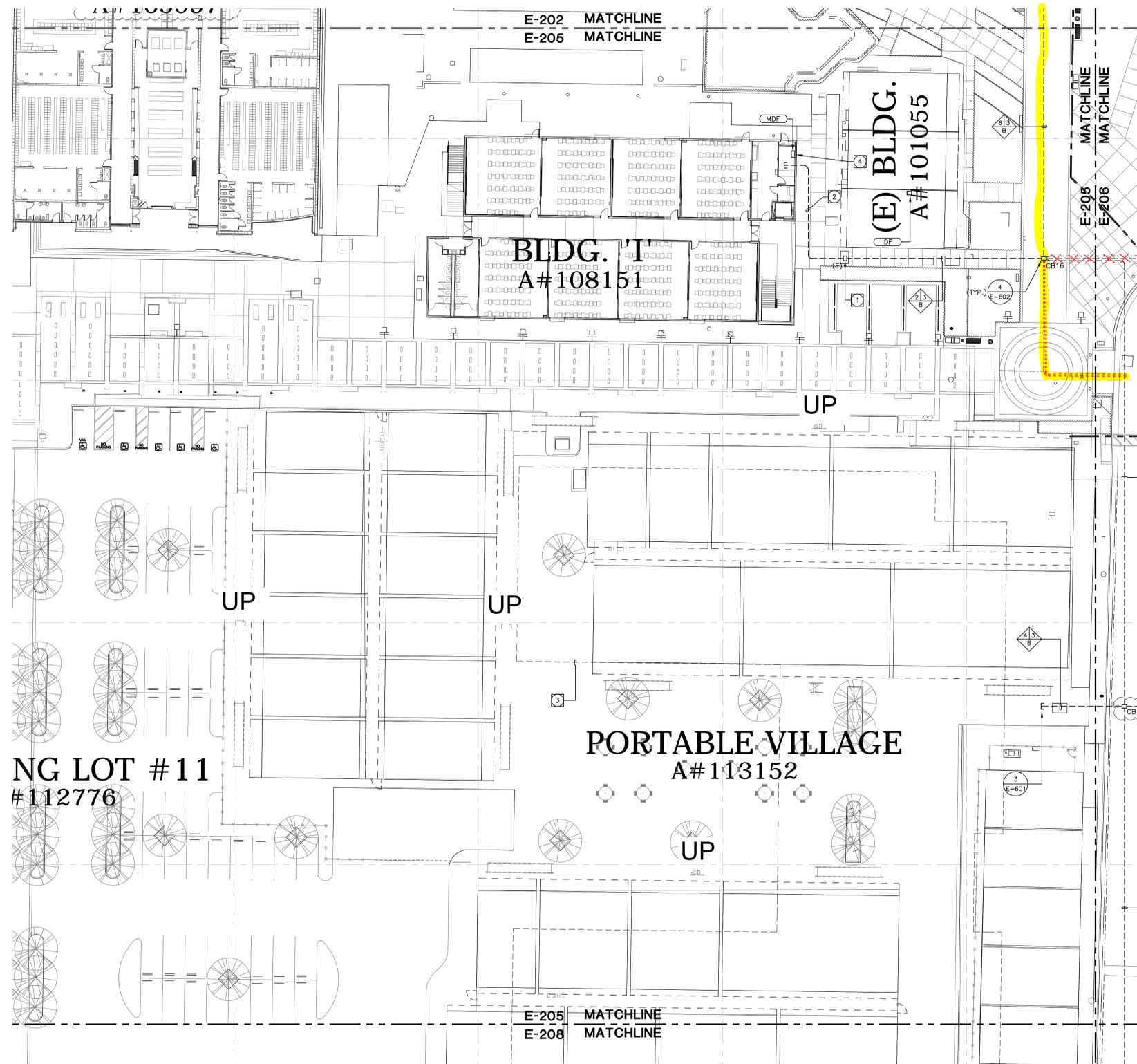
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SHEET NO:
E-204



ENLARGED SITE SIGNAL PLAN

SCALE: 1"=20'-0"

1

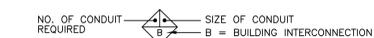
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LEGEND OF CONDUIT SYMBOLS



NOTES:

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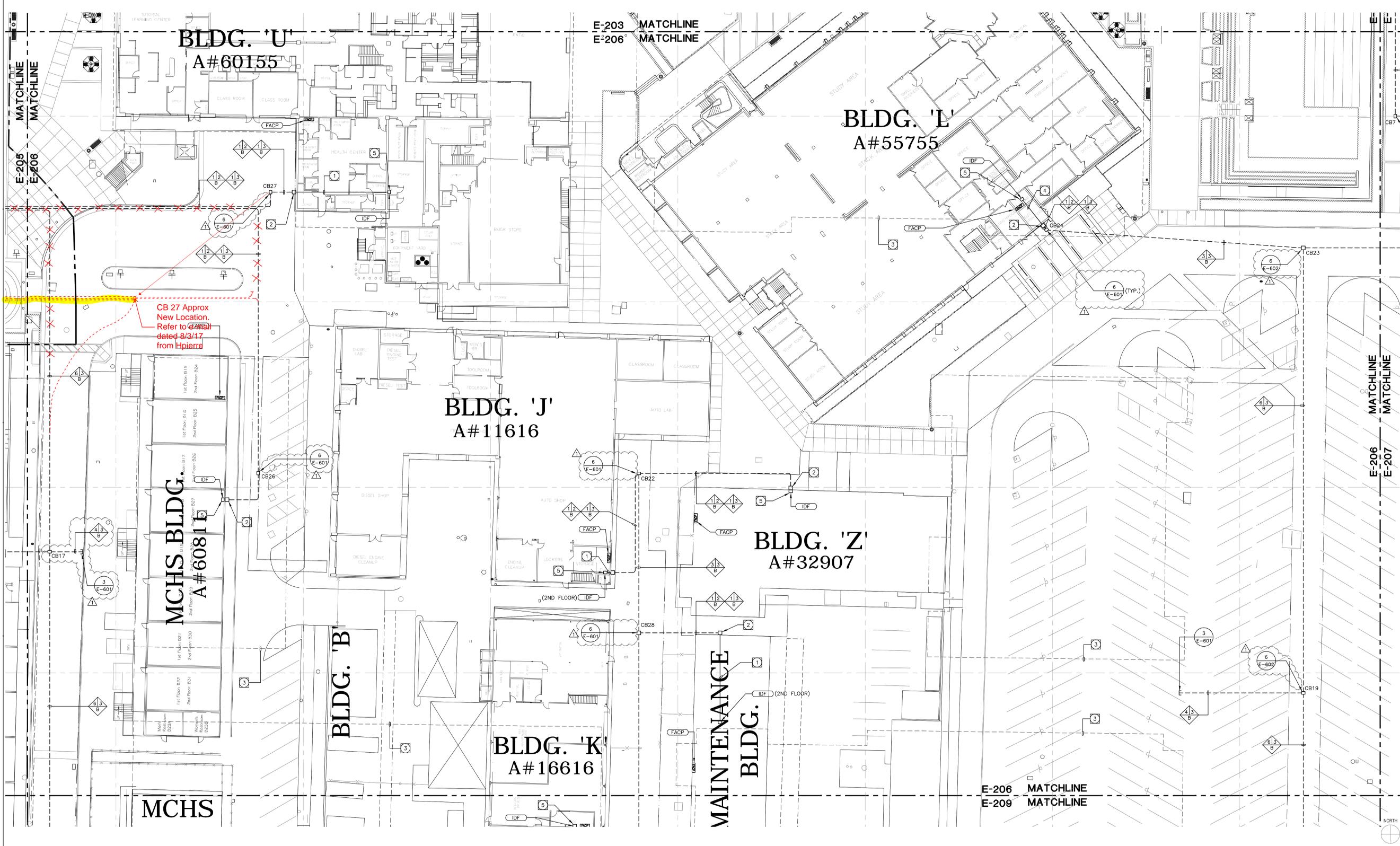
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ENLARGED SITE SIGNAL PLAN SCALE: 1" = 20'-0" 1

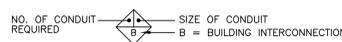
GENERAL DEMOLITION NOTES:

1. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS. SEE ARCHITECTURAL PLANS, WHERE PROVIDED ON PROJECT, FOR EXTENT OF DEMOLITION.
2. 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.
3. CONTRACTOR IS RESPONSIBLE TO RELOCATE OR REMOVE FROM WALLS, CEILING, 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. DO ALL DRILLING, CUTTING, ETC. REQUIRED TO DEMOLISH ELECTRICAL WORK AS INDICATED OR PROVIDE BLANK COVER PLATE ON ALL OUTLETS EXPOSED BY REMOVAL OF FIXTURE OF DEVICES.
9. RESEAL ALL PENETRATIONS OR OPENING THROUGH WALLS, CEILING, FLOORS, ETC., TO MAINTAIN THE RATING OF STRUCTURE.
10. ALL REMOVED MATERIALS AND EQUIPMENT WHICH ARE 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 AND PROTECT FROM DAMAGE. DISPOSE OF ALL HAZARDOUS MATERIAL PER FEDERAL, STATE AND LOCAL REGULATIONS AND OTHER AGENCIES HAVING JURISDICTION.

SITE PLAN GENERAL NOTES:

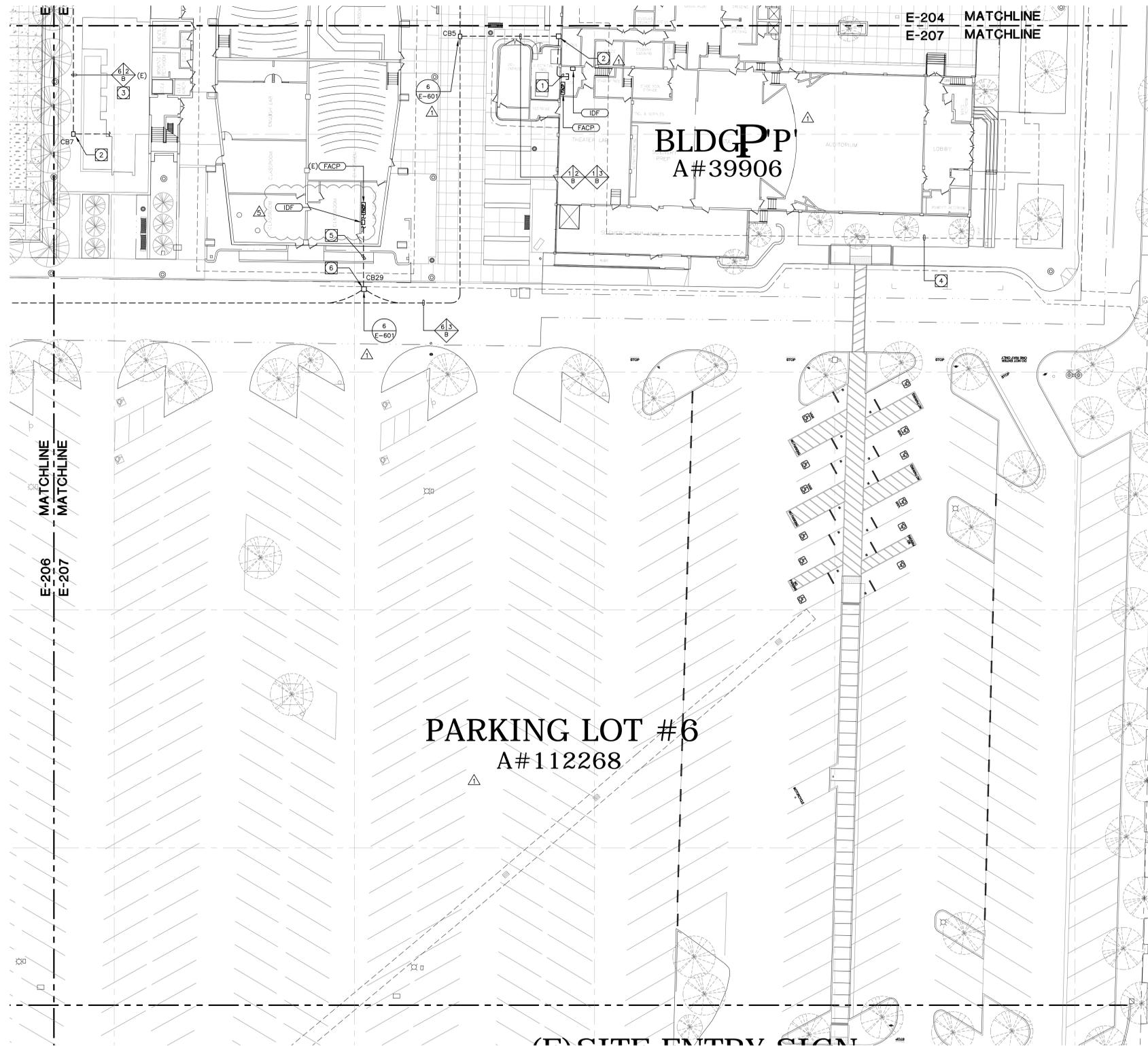
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2. CALL UNDERGROUND SERVICE ALERT (USA) AT 1 (800) 422-4133 OR APPLICABLE STATE AND LOCAL DIG SAFE OR UNDERGROUND ALERT HOTLINES PRIOR TO CONSTRUCTION START.
3. MINIMUM CONDUIT SIZE SHALL BE 3/4" - U.O.N.
4. MINIMUM CONDUCTOR SIZE SHALL BE #10 AWG. - U.O.N.
5. ALL SITE BRANCH CIRCUITS SHALL INCLUDE A NEC SIZED EQUIPMENT GROUND CONDUCTOR.
6. ALL ELECTRICAL EQUIPMENT MOUNTED OUTDOORS SHALL BE WEATHERPROOF (NEMA #3R).
7. ALL CONDUIT ONLY SHALL BE PROVIDED WITH A NYLON PULL STRING.

LEGEND OF CONDUIT SYMBOLS



NOTES:

- 1 (1)3/4" AND (1)2". WITH CABLES AS SPECIFIED ROUTED ABOVE CEILING
- 2 CONDUITS SHALL BE ROUTED UP THE EXTERIOR OF THE BUILDING TO A 24"x24"x12" PULLBOX.
- 3 OUTLINE OF FUTURE BUILDING.
- 4 (1)3/4" AND (1)2". WITH CABLES AS SPECIFIED ROUTED EXPOSED.
- 5 PROVIDE CONNECTION TO THE EXISTING EMS SYSTEM. SEE SPECIAL EMS SYSTEM NOTE ON SHEET MP002 FOR REQUIREMENTS.
- 6 SEE ARCHITECTURAL/LANDSCAPE ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF FIXTURES, PULLBOXES, MANHOLES, OTHER ELECTRICAL DEVICES, ETC. COORDINATE ALL UNDERGROUND STRUCTURES AND CONDUIT ROUTING WITH LANDSCAPE ARCHITECT PRIOR TO ROUGH-IN TO ENSURE THAT SUCH ITEMS ARE NOT PLACED IN CRITICAL LANDSCAPE PLANTING/HARDSCAPE AREAS.
- 7 UNLESS SPECIFICALLY SHOWN AS (E), (R), (ER), (D), EXISTING OR NON-BOLD, ALL ELECTRICAL DEVICES SHOWN ARE NEW.
- 8 PRIOR TO ANY EXCAVATION THE CONTRACTOR SHALL LOCATE AND VERIFY ALL UNDERGROUND UTILITIES BY SCANNING AND POTHOLING AND/OR WHATEVER MEANS NECESSARY.



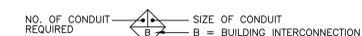
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LEGEND OF CONDUIT SYMBOLS



ENLARGED SITE SIGNAL PLAN

SCALE: 1" = 20'-0"

1

NOTES:

1. EXISTING (2) 2" C. SPARES ROUTED ON THE OUTSIDE OF THE BUILDING TO BE USED FOR NEW CABLES. SEE SHEET E-701 FOR MORE INFORMATION.
2. EXISTING PULLBOX.
3. EXISTING 2" C. SPARES TO BE USED FOR NEW CABLES. SEE SHEET E-701 FOR MORE INFORMATION.
4. OUTLINE OF FUTURE BUILDING.
5. REMOVE EXISTING FIRE ALARM FIBER OPTIC CABLE FROM EXISTING CONDUIT AND INSTALL NEW FIBER OPTIC CABLE AS SPECIFIED.
6. INTERCEPT EXISTING CONDUITS AS REQUIRED.

Rev. No.	Rev. Date	Description
4	06/16/2015	ADDENDUM 04
5	06/25/2015	ADDENDUM 05

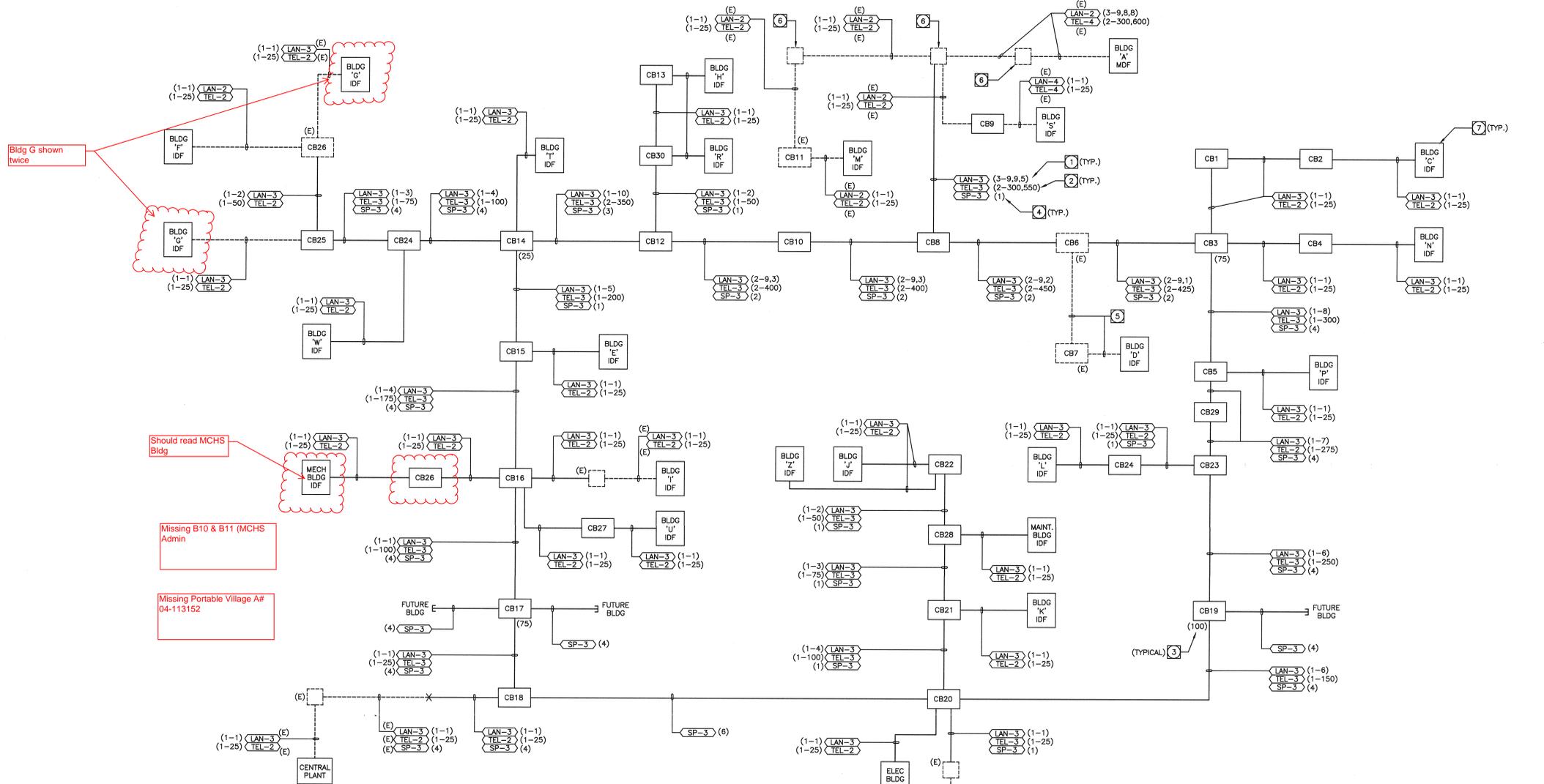
JOB NO: 13022.02
 DATE: 03/06/2015
 DRAWN: MM / RR / RB
 CHECK: JG / MM
 ARCHITECT: PDW
 ENGINEER:
 ARCHITECT:



STATE: CALIFORNIA
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 APP NO 04-113798
 FILE NO 30-C2
 AC FLS SS
 DATE

SHEET DESCRIPTION:
 PARTIAL SITE SIGNAL
 PLAN

SHEET NO:



- ### PLAN NOTES
- SEE LAN CABLE DESIGNATION, THIS SHEET.
 - SEE COPPER TELEPHONE CABLE DESIGNATION, THIS SHEET.
 - DENOTES THE NUMBER OF COPPER TELEPHONE CABLE SPARE PAIRS IN PULLBOX FOR FUTURE USE.
 - DENOTES QUANTITY OF SPARE CONDUITS IN DUCT BANK.
 - PROVIDE ONE 12-STRAND SINGLE MODE FIBER OPTIC CABLE IN EXISTING 2" C. AND ONE 25 PAIR COPPER CABLE IN EXISTING 2" C.
 - EXISTING PULLBOX. SEE E-203 AND E-204 FOR MORE INFORMATION.
 - AT EACH BUILDING IDF LOCATION THE CONTRACTOR SHALL LEAVE A MINIMUM OF A 30' LOOP OF FIBER AND COPPER CABLE FOR CONNECTION BY THE DISTRICT.

westbergwhite
 14471 CHAMBERS RD, SUITE 210
 TUSTIN, CA 92780
 (714) 506-1780 506-1790 FAX
 1775 HANCOCK ST, SUITE 120
 SAN DIEGO, CA 92110
 (619) 542-1188 542-1663 FAX
 719 S. MCLELLAND STREET
 SANTA MARIA, CA 93454
 (805) 246-2991 346-8790 FAX

CONSULTANT:
tkisc
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 15231 Laguna Canyon Road, Suite 100
 Irvine, California 92618
 949.751.5800 www.tkisco.com
 Jerry Leomhard
 tkisc Job #: 2015-0638

PROJECT NAME:

Santa Ana College
Quad and Infrastructure Renovation
 1530 West 17th Street
 Santa Ana, California 92706

- #### DUCTBANK AND COMMUNICATION MANHOLE REQUIREMENTS
- THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS DURING THE INSTALLATION OF THE OUTSIDE PLANT CONDUIT:
 - MAINTAIN A MINIMUM VERTICAL SEPARATION BETWEEN PROPOSED DUCTBANK AND EXISTING UTILITIES OF 12 INCHES ABOVE OR 6 INCHES BELOW SANITARY AND STORM SEWERS AND 6 INCHES ABOVE OR 6 INCHES BELOW OTHER UTILITIES MEASURED FROM THE CONCRETE ENCASUREMENT OF THE PROPOSED DUCTBANK.
 - PROVIDE A MINIMUM OF 24 INCHES OF COVER FROM TOP OF GRADE. SEE TRENCH DETAILS NOTED ON PLANS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 - PROVIDE A MINIMUM OF 24 INCHES OF COVER FROM TOP OF COMMUNICATIONS MANHOLES TO TOP OF GRADE. MANHOLE COVERS SHALL BE ROUND, LABELED "COMMUNICATIONS" AND MOUNTED FLUSH AT GRADE LEVEL ON MANHOLE EXTENSION RINGS (NECKS) TO THE UNDERGROUND MANHOLES.
 - PROVIDE A PREFERRED CONDUIT SWEEP RADIUS OF 40 FEET FOR DUCTS BETWEEN VAULTS AND A MINIMUM CONDUIT FITTING RADIUS SHALL BE 12.5 FEET. MAXIMUM OF 90 DEGREES PER SWEEP AND LIMITED TO NO MORE THAN (2) 90 DEGREE SWEEPS BETWEEN VAULTS.
 - PROVIDE AND INSTALL BUSHINGS ON ALL OPEN CONDUIT ENDS. CLEAN ALL NEW CONDUITS AND VERIFY CONTINUITY WITH A MANDEREL. PROVIDE AND INSTALL PULL STRINGS IN ALL CONDUITS. CAP ALL STUB-OUTS.
 - EQUIP ALL NEW COMMUNICATION MANHOLES WITH PERMANENT PULL IRONS, LADDER, UNISTRUT CABLE RACKS, SUMP, ONE GROUND ROD (8'X 3/4" COPPER ROD DRIVEN THRU THE FLOOR) AND/OR GROUNDING LUGS AND GROUNDING RIBBON.
 - EQUIP ALL NEW COMMUNICATION MANHOLES AND UNDERGROUND PULL BOXES WITH TRAFFIC RATED COVERS THAT ARE ENGRAVED WITH THE PROPER IDENTIFICATION NUMBERS AS NOTED ON THE PLANS.
 - SEAL ALL NEW CONDUITS PENETRATING COMMUNICATION MANHOLES / UNDERGROUND PULL BOXES AND INTO BUILDINGS WITH LUGS FOR PROTECTION AGAINST WATER AND GASES. SEAL WITH REMOVABLE COMPOUND ONLY AFTER ALL CABLES IN THAT CONDUIT ARE INSTALLED, TESTED AND ACCEPTED.
 - VAULTS SHALL BE EQUIPPED WITH KNOCKOUT PANELS OR PRE-CAST INDIVIDUAL CONDUIT OPENINGS. CONDUITS SHALL ONLY ENTER AND EXIT A VAULT ON END/SHORT WALLS. CONDUITS MAY NOT ENTER AND EXIT A VAULT ON SIDE/LONG WALLS UNLESS OTHERWISE NOTED.
 - INSTALLATION OF ALL VAULTS TO BE PLACED ON 6 INCHES OF COMPACTED ROCK (1/2" DIAMETER OR SMALLER) OR SAND TO ENSURE UNIFORM DISTRIBUTION OF SOIL PRESSURE ON FLOOR AND DISSIPATE WATER OUT OF THE VAULT.
 - CONDUIT BEND RADIUS FOR BUILDING ENTRANCES AND AT POLES SHALL BE A MINIMUM OF 24" FOR CONDUITS WITH LESS THAN 2" INTERNAL DIAMETER AND A MINIMUM OF 48" FOR CONDUITS WITH MORE THAN 2" INTERNAL DIAMETER.
 - CONFINED SPACE ENTRY
 - THE CONTRACTOR SHALL COMPLY WITH THE OSHA REQUIREMENTS 29 CFR-1910.146 AND 29 CFR-1910.268 DURING THE INSTALLATION OF CONDUIT IN ANY CONFINED SPACE:
 - NO PERSON MAY ACCESS (ENTER IN ANY WAY) AN UNDERGROUND VAULT OR CONFINED SPACE WITHOUT THE TRAINING, STAFF AND SAFETY EQUIPMENT DEFINED ON THE CONFINED SPACE PERMIT. ACCESSING THESE SPACES WITHOUT A VALID PERMIT OR WITHOUT THE REQUIRED SUPPORT SERVICES MAY RESULT IN A FINE OR SUSPENSION OF THE WORKERS INVOLVED.
 - CONTRACTOR MUST APPLY FOR A PERMIT IN ADVANCE OF ANY ACCESS TO UNDERGROUND OR CONFINED SPACES ON OWNER PROPERTY. THE PERMIT WILL BE ISSUED BY THE OWNER AND MUST BE DISPLAYED AT ALL TIMES WHILE WORK IS IN PROGRESS.
 - IN ORDER TO BE ISSUED A PERMIT TO ENTER THE CONFINED SPACE THE CONTRACTOR WILL PROVIDE THE REQUIRED TEST EQUIPMENT (CALIBRATED WITHIN THE LAST 6 MONTHS), TOOLS AND PROOF THAT APPROPRIATE TRAINING IS UP-TO-DATE.

- MAINTAIN DISABLED ACCESS AT ALL TIMES IN THE WORK AREAS. PROVIDE RAMPING FOR BRIDGES AND TRENCH PLATES AT ALL TIMES AS REQUIRED FOR WHEELCHAIR AND VISUALLY IMPAIRED PERSONS. TRENCH PLATES SHALL BE INSTALLED AS NECESSARY TO ENSURE SMOOTH TRANSITION FOR WHEELCHAIR TRAVEL.
 - IN PEDESTRIAN AND VEHICULAR TRAFFIC AREAS COVER OPEN TRENCHES WITH SECURED STEEL TRAFFIC PLATES. STEEL TRAFFIC PLATES SHALL BE INSTALLED IN SUCH A MANNER AS TO PROVIDE A SMOOTH AND SAFE TRANSITION FROM THE SURROUNDING SURFACE. STEEL PLATES INSTALLED IN ROADWAYS SHALL BE FASTENED IN SUCH A MANNER AS TO PROHIBIT MOVEMENT AND NOISE WHEN VEHICLES ARE DRIVEN OVER PLATE.
- #### RESTORATION
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING THE FOLLOWING TASKS AS NECESSARY TO RESTORE ALL HARDSCAPE AND LANDSCAPE THAT IS DISTURBED DURING CONSTRUCTION:
 - REPLACE ALL REMOVED PAVEMENTS, CURBS, AND GUTTERS WITH SAME PAVEMENT SECTION AND TYPE OF MATERIAL, OR AS REQUIRED IN THE PLANS AND SPECIFICATIONS. REPLACED PAVEMENT SHALL MATCH EXACTLY WITH THE EXISTING PAVEMENT IN GRADE, ALIGNMENT, TEXTURE, COLOR, DESIGN, ETC. TO THE SATISFACTION OF THE INSPECTOR OF RECORD.
 - PROTECT UNHARDENED CONCRETE. ANY DEFACTING OF CONCRETE SURFACE SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE INSPECTOR OF RECORD.
 - ALLOW 24 HOURS CURE TIME FOR CONCRETE DUCTBANK ENCASUREMENT BEFORE BACKFILLING TRENCH. COMPLETE BACKFILLING AND RESTORATION OF SITE WITHIN FIVE (5) WORKING DAYS AFTER COMPLETION OF CONDUIT INSTALLATION IN THE OPEN SECTION OF TRENCH (INCLUDING CONCRETE CURE TIME). CONTRACTOR WILL NOT BE ALLOWED TO MOVE TO THE NEXT SECTION OF TRENCHING UNTIL SITE HAS BEEN RESTORED AND ACCEPTED BY THE INSPECTOR OF RECORD.
 - PROVIDE CONCRETE ENCASUREMENT AROUND NEW CONDUIT DUCTBANK PER SPECIFICATIONS AND DRAWING NOTES. ADD AN ORANGE COLORING TO TOP OF CONCRETE DUCTBANK ENCASUREMENT FOR FUTURE IDENTIFICATION.
 - INSTALL PLASTIC DETECTABLE MARKING TAPE IN THE TRENCHING BACKFILL 12" BELOW FINISH GRADE FOR FUTURE IDENTIFICATION AS NOTED IN THE SPECIFICATIONS.
 - INSTALL SOD IN ALL DISTURBED LAWN AREAS TO RESTORE EXISTING CONDITIONS AS NOTED IN THE SPECIFICATIONS.
 - RESTORE THE ORIGINAL FIRE RATING OR BETTER TO THE WALLS AND FOUNDATIONS THAT ARE PENETRATED WITH NEW CONDUITS WITH AN UL-APPROVED FIRESTOP SYSTEM.
 - IF THE WATER OR MOISTURE BARRIER ON OR NEAR THE FOUNDATION OF A BUILDING IS DISTURBED IN ANY MANNER BY EXCAVATION OR OTHER CONSTRUCTION WORK, THE MOISTURE BARRIER MUST BE REPAIRED FOLLOWING THE RECOMMENDATIONS OF THE MANUFACTURER OF THE ORIGINAL BARRIER PRODUCT. IF IT IS NOT POSSIBLE TO IDENTIFY THE EXISTING PRODUCT, THE OLD BARRIER MUST BE COMPLETELY REMOVED DIRECTLY AROUND DAMAGED AREA AND AN OVERLAY OF BUTYLENE SYSTEM 4000 MEMBRANE PRODUCT SHALL BE INSTALLED/APPLIED FOLLOWING THE MANUFACTURER'S RECOMMENDED METHODS AND MATERIALS.
 - RESTRIPPE ALL ROADWAYS, PARKING LOTS, AND WALKWAYS AS NECESSARY TO MATCH ORIGINAL CONDITIONS. REFER TO SPECIFICATIONS FOR PAVEMENT MARKING REQUIREMENTS.
 - CONTRACTOR AND INSPECTOR OF RECORD SHALL VIDEO TAPE ALL AREAS PRIOR TO EXCAVATION AS NOTED IN THE SPECIFICATIONS. THE VIDEO TAPE SHALL ACT AS THE OFFICIAL RECORD FOR VERIFICATION OF EXISTING CONDITIONS.

- THE CONTRACTOR SHALL PROVIDE THE FOLLOWING DURING CONSTRUCTION:
 - BRACE AND PROTECT UTILITIES EXPOSED AS A RESULT OF TRENCHING. ANY DAMAGE TO THESE UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR / REPLACE AS DIRECTED BY THE INSPECTOR OF RECORD IN ACCORDANCE WITH THE SPECIFICATIONS.
 - HAVE EMERGENCY STANDBY PERSONNEL AVAILABLE TO REPAIR DAMAGED UTILITIES AS REQUIRED.
 - PROTECT ALL TREES AND LANDSCAPING / IRRIGATION SYSTEMS AT ALL TIMES IN THE AREA OF CONSTRUCTION. REFER TO THE SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.
 - REMOVE AND REPLACE ANY EXISTING VEGETATION AS REQUIRED TO COMPLETE THE CONSTRUCTION WORK. EXISTING PLANTS SHALL BE REPLACED WITH NEW PLANTS OF LIKE SIZE AND KIND AFTER RECEIVING APPROVAL FROM THE OWNER'S REPRESENTATIVE. REMOVED PLANTS MAY BE PRESERVED AND REPLANTED IF PRIOR PERMISSION IS OBTAINED FROM THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL OBTAIN APPROVAL FROM INSPECTOR OF RECORD PRIOR TO REMOVAL / REPLACEMENT FOR ALL PLANTS THAT WERE NOT IDENTIFIED ON THE CONTRACT DOCUMENTS.
 - HIRE A LICENSED LANDSCAPE CONTRACTOR TO REMOVE, PRESERVE, AND RE-PLANT VEGETATION IF PRESERVATION AND REPLANTING OF VEGETATION IS APPROVED BY THE INSPECTOR OF RECORD / PROJECT MANAGER.
 - OBTAIN APPROVAL FROM A CERTIFIED ARBORIST AS REQUIRED BY THE SPECIFICATIONS PRIOR TO TRIMMING EXISTING TREES, SHRUBS, ETC. WHICH ARE TO REMAIN AS MAY BE REQUIRED TO PERFORM THE PLANNED CONSTRUCTION WORK.
 - HIRE A LICENSED IRRIGATION CONTRACTOR TO REPAIR ALL DAMAGES TO THE IRRIGATION SYSTEM. ALL DAMAGES SHALL BE REPAIRED / REPLACED WITHIN FORTY-EIGHT HOURS OF THE OCCURRENCE.
 - PROVIDE SHORING OR SHEETING PER OSHA REQUIREMENTS FOR ANY UNSTABLE EXCAVATIONS AND EXCAVATIONS GREATER THAN FIVE FEET DEEP.
 - MAINTAIN THE FUNCTION OF STORM DRAINAGE SYSTEMS AND OTHER SITE UTILITIES AT ALL TIMES.
- TRAFFIC CONTROL AND SITE PROTECTION
 - THE CONTRACTOR SHALL PROVIDE THE FOLLOWING TRAFFIC CONTROL AND OTHER SAFETY PRECAUTIONS / MEASURES DURING CONSTRUCTION:
 - MAINTAIN CONTINUOUS TWO-WAY FLOW OF TRAFFIC AT ALL TIMES. WORK IN TRAFFIC AREAS SHALL AFFECT ONLY HALF OF THE TRAVEL WAY LEAVING THE OTHER HALF FOR CONTINUOUS TWO-WAY FLOW OF TRAFFIC. WORK SHALL COMMENCE ONLY AFTER ESTABLISHING SUITABLE VEHICULAR AND PEDESTRIAN DETOURS AND AFTER SETTING UP REQUIRED SAFETY BARRICADES. TRAFFIC CONTROL PLANS SHALL COMPLY WITH LOCAL GUIDELINES AND REGULATIONS.
 - PROVIDE FLAG PERSONS AS NEEDED TO DIRECT TRAFFIC AND MAINTAIN SAFETY AT ALL TIMES DURING OPERATIONS.
 - MAINTAIN SITE LIGHTING, EQUAL TO PRE-CONSTRUCTION LEVELS AT ALL TIMES.
 - PROVIDE CONSTRUCTION FENCING (FENCING TO BE 8'0" HIGH CHAIN LINK), BARRICADES WITH FLASHING LIGHTS, SIGNAGE, ETC. TO PROTECT PEDESTRIAN AND VEHICULAR TRAFFIC AND TO MAINTAIN SAFE AND CONTINUOUS MOVEMENT AT ALL TIMES. CONTRACTOR WILL BE ALLOWED TO USE AN AREA ADJACENT TO THE TRENCH WHICH SHALL NOT BE MORE THAN THE TRENCH WIDTH (AS DETAILED ON THE PLANS) PLUS 12'-0" (APPROXIMATELY 6'-0" ON EACH SIDE OF THE TRENCH UNLESS SITE CONDITIONS PROHIBIT ACCESS ON BOTH SIDING) AS NECESSARY FOR STORAGE OF SPOILS, ACCESS FOR EQUIPMENT, ETC. DURING TRENCHING ACTIVITIES.

- ### CONSTRUCTION PROCEDURES:
- #### SITE CONDITIONS AND EXISTING UTILITIES
- THE EXISTING SITE CONDITIONS, EXISTING UNDERGROUND UTILITIES, AND PROPOSED COMMUNICATION DUCTBANK LOCATIONS SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND DIAGRAMMATIC. EXISTING UTILITIES IDENTIFIED ON THE PLANS ARE BASED ON A SEARCH OF AVAILABLE RECORDS AND OTHER SURVEY INSTRUMENTS AND ARE SHOWN AS A MATTER OF INFORMATION AND NOT AS A MATTER OF FACT. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO ANY SURFACE CUTTING OR EXCAVATION.
 - THE CONTRACTOR SHALL LOCATE EXISTING UNDERGROUND UTILITIES IN AREAS OF WORK AND PROVIDE ALL APPROPRIATE CODE REQUIRED SUPPORT AND PROTECTION DURING EARTHWORK OPERATIONS. IF UTILITIES ARE ENCOUNTERED OTHER THAN THOSE SHOWN ON THE PLANS, NECESSARY STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE AS REQUIRED BY THE SPECIFICATIONS.
 - THE CONTRACTOR SHALL NOT INTERRUPT EXISTING UTILITIES THAT ARE IN SERVICE EXCEPT WHEN PRIOR PERMISSION IS OBTAINED IN WRITING FROM THE OWNER'S REPRESENTATIVE. ACCEPTABLE TEMPORARY UTILITY SERVICES MUST BE PROVIDED DURING ANY PLANNED UTILITY SERVICE INTERRUPTION AS REQUIRED BY THE SPECIFICATIONS. PRIOR TO A TEMPORARY UTILITY INTERRUPTION, THE CONTRACTOR SHALL COMPLETE THE FOLLOWING:
 - PROVIDE A MINIMUM OF FOURTEEN (14) CALENDAR DAYS NOTICE TO THE PROJECT MANAGER AND OBTAIN WRITTEN NOTICE TO PROCEED BEFORE INTERRUPTING ANY UTILITY.
 - NOTIFY AND OBTAIN CLEARANCE FROM ALL UTILITY COMPANIES WITH UTILITIES IN THE AFFECTED AREA BY CALLING UNDERGROUND SERVICE ALERT AT 1-800-422-4133.
 - RESTORE PERMANENT UTILITY SERVICE AS REQUIRED BY THE SPECIFICATIONS AND REMOVE THE TEMPORARY UTILITY SERVICE.
 - THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGE TO THE OWNER'S PROPERTY AND SHALL MAKE ALL REPAIRS AS DIRECTED BY THE INSPECTOR OF RECORD IN ACCORDANCE WITH THE SPECIFICATIONS.
 - ALL PAVED AREAS TO BE REMOVED FOR TRENCHING / CONDUIT INSTALLATION SHALL BE REMOVED FROM CONTROL / EXPANSION JOINT TO CONTROL / EXPANSION JOINT AND SHALL BE BY SAW CUTTING. SAW CUTTING SHALL BE DONE FROM JOINT TO JOINT IN AREAS WITH CONCRETE PAVEMENT (ROADWAY, SIDEWALK, ETC.). EXPOSED AGGREGATE WALKWAYS OR OTHER SPECIAL FINISHES SUCH AS STAMPED CONCRETE, ETC. SHALL BE SAW CUT FROM NEAREST CONTROL / EXPANSION JOINT TO MIDPOINT OF SECTION WITH A MINIMUM TEN FOOT SECTION REMOVED. ALL CUTS SHALL BE NINETY DEGREES TO THE DIRECTION OF THE WALKWAY OR SHALL FOLLOW THE ESTABLISHED / EXISTING PATTERN. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE INSPECTOR OF RECORD PRIOR TO SAW-CUTTING IN PREPARATION FOR DEMOLITION OF ALL AREAS WHICH HAVE EXPOSED AGGREGATE OR OTHER SPECIAL FINISHES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING THE FOLLOWING TASKS PRIOR TO COMMENCING ANY OF THE CONSTRUCTION WORK:
 - SUBMIT DETAILED WORK SEQUENCE, TRAFFIC CONTROL, AND CABLE PULLING PLANS TO THE ENGINEER OF RECORD AND OBTAIN WRITTEN APPROVAL FROM THE INSPECTOR OF RECORD / ENGINEER OF RECORD AT LEAST TEN (10) WORKING DAYS PRIOR TO PROCEEDING.
 - STAKE THE PROPOSED DUCTBANK LAYOUT AND NOTIFY THE INSPECTOR OF RECORD AND ENGINEER OF RECORD FOR APPROVAL TO PROCEED. NOTIFICATION MUST BE AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION OR REMOVAL OF ANY VEGETATION.
 - CONSTRUCTION DUCTBANK ROUTING IS APPROXIMATE AND MAY BE MODIFIED IN THE FIELD TO ALLOW FOR EXISTING CONDITIONS WITH PRIOR WRITTEN APPROVAL OF THE ENGINEER OF RECORD IN CONSULTATION WITH THE OWNER'S REPRESENTATIVE. STRAIGHT DUCTBANK RUNS SHALL BE MAINTAINED WHERE POSSIBLE. THE ENGINEER OF RECORD RESERVES THE RIGHT TO FIELD-ADJUST THE PROPOSED DUCTBANK ROUTE PLUS OR MINUS 10 FEET IN TOTAL LENGTH FROM VAULT TO VAULT OR VAULT TO PERMANENT STRUCTURE WITHOUT ANY ADDITIONAL COST TO THE OWNER.

- ### LOW VOLTAGE CONDUIT SCHEDULE
- | | |
|-------|---|
| LAN-3 | 3" C. - LAN WITH (3) 3" 3-CELL FABRIC INNERDUCT WITH FIBER OPTIC CABLES AS SPECIFIED. |
| TEL-3 | 3" C. - TELEPHONE WITH COPPER TELEPHONE CABLES AS SPECIFIED. |
| TEL-2 | 2" C. - TELEPHONE WITH COPPER TELEPHONE CABLES AS SPECIFIED. |
| SP-3 | 3" C. - SPARE |
| LAN-2 | 2" C. - LAN WITH (1)2" 3-CELL FABRIC INNER DUCT WITH FIBER OPTIC CABLES AS REQUIRED. |
| TEL-4 | 4" C. - TELEPHONE WITH COPPER TELEPHONE CABLES AS SPECIFIED. |
- (E) - SHOWN ADJACENT TO THE CONDUIT TAG DENOTES EXISTING CONDUIT WITH NEW CABLES AS SPECIFIED.

- ### LAN CABLE DESIGNATIONS
- (---) NUMBER OF 12-STRAND SINGLE MODE FIBER OPTIC CABLE IN EACH CONDUIT.
 (---) QUANTITY OF CONDUITS

- ### COPPER TELEPHONE CABLE DESIGNATIONS
- (---) NUMBER OF PAIRS IN EACH CONDUIT.
 (---) QUANTITY OF CONDUITS

COPPER TELEPHONE CABLES SCHEDULE

NOTE: CABLES ORIGINATE IN BUILDING 'A'

PAIR#	LOCATION	PAIR#	LOCATION
1-25	BUILDING 'P'	1-25	BUILDING 'C'
26-125	CB19 (FUTURE USE)	26-50	BUILDING 'N'
126-150	BUILDING 'K'	51-125	CB3 (FUTURE USE)
151-175	MAINTENANCE BLDG	126-150	BUILDING 'D'
176-200	BUILDING 'Z'	151-175	BUILDING 'S'
201-225	BUILDING 'J'	176-200	BUILDING 'M'
226-250	BUILDING 'L'	201-225	BUILDING 'R'
251-275	CDC BUILDING	226-250	BUILDING 'H'
276-300	ELECTRICAL BUILDING	251-275	CB14 (FUTURE USE)
		276-300	BUILDING 'T'
		301-325	BUILDING 'W'
		326-350	BUILDING 'I'
		351-375	BUILDING 'G'
		376-400	BUILDING 'E'
		401-425	BUILDING 'A'
		426-450	MCHS BUILDING
		451-475	BUILDING 'I'
		476-500	BUILDING 'U'
		501-575	CB17 (FUTURE USE)
		576-600	CENTRAL PLANT

CLIENT:
Rancho Santiago Community College District
 2323 North Broadway
 Santa Ana, CA 92706

Rev. Date Description

JOB NO: 13022.02
 DATE: 03/06/2015
 DRAWN: MM / RR / RB
 CHECK: JG / MM
 ARCHITECT: PDW
 ENGINEER:
 ARCHITECT:

CONSULTANT:
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 APP NO 04-113798
 FILE NO 30-C-2
 AC FILE # 6 SS T
 DATE MAR 11 2015

SHEET DESCRIPTION:
 SIGNAL RISER
 DIAGRAM

SHEET NO: