



ONTARIO - MONTCLAIR SCHOOL DISTRICT TRANSPORTATION CENTER

CitySubmittal - Registration #B202301766

3/3/23



12/11/2023	Submission Number 2	Revision Number	
NEW SERVER ROOM AND STORAGE AT MEZZANINE WITH HVAC SYSTEM.			
1442 S BON VIEW AV			
B202301766			

OWNER

Ontario - Montclair School District
950 W. D ST.
Ontario, CA 91762
t: 909-345-6789
Contact: Brooke Murray

ARCHITECT

PBK Architects
8163 Rochester Avenue
Rancho Cucamonga, CA 91730
t: 909.987.0909
Contact: Juan Cervera

MEP ENGINEER

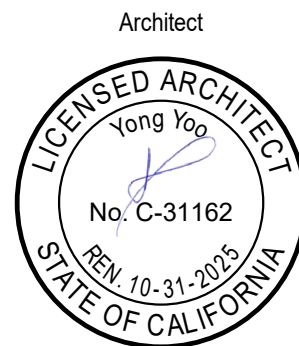
LEAF
8163 Rochester Avenue
Rancho Cucamonga, CA 91730
t: 909.987.0909
Contact: Rex Wang

STRUCTURAL ENGINEER

RTM Engineering Consultants
9931 Muirlands Blvd
Irvine, CA 92626
t: 949.462.3200
Contact: Josh Randall



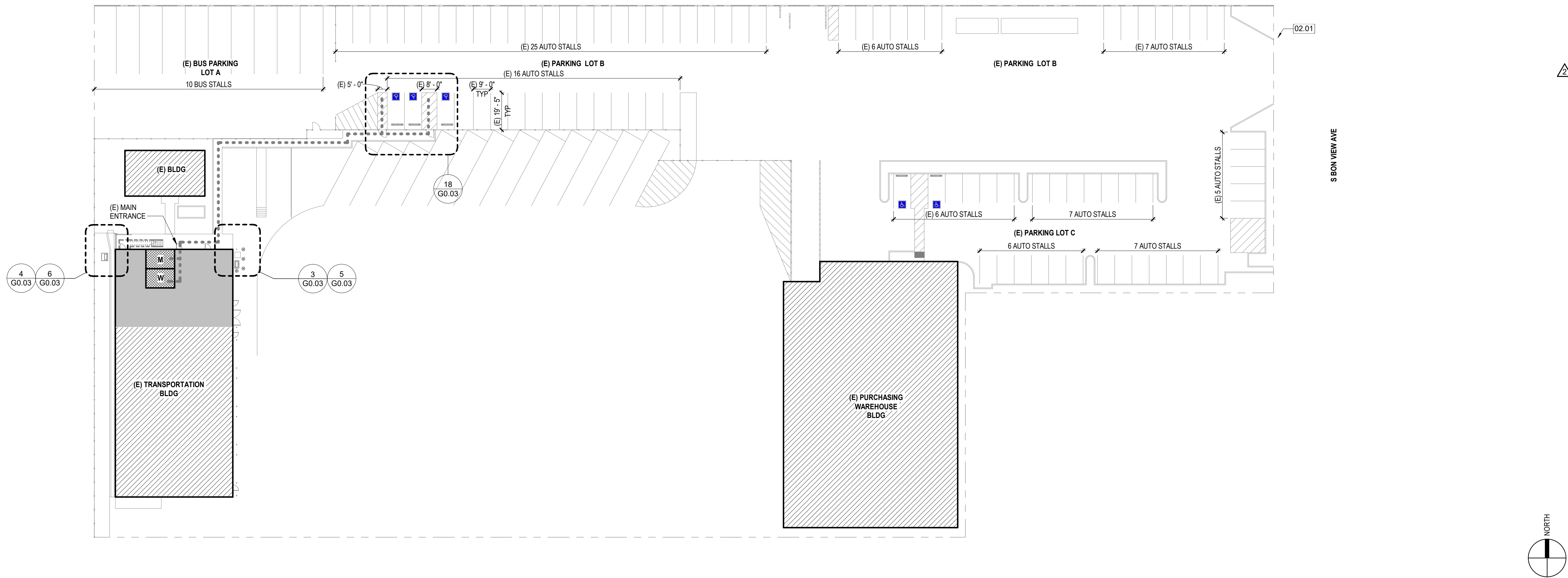
TRANSPORTATION CENTER



COVER SHEET

G0.00

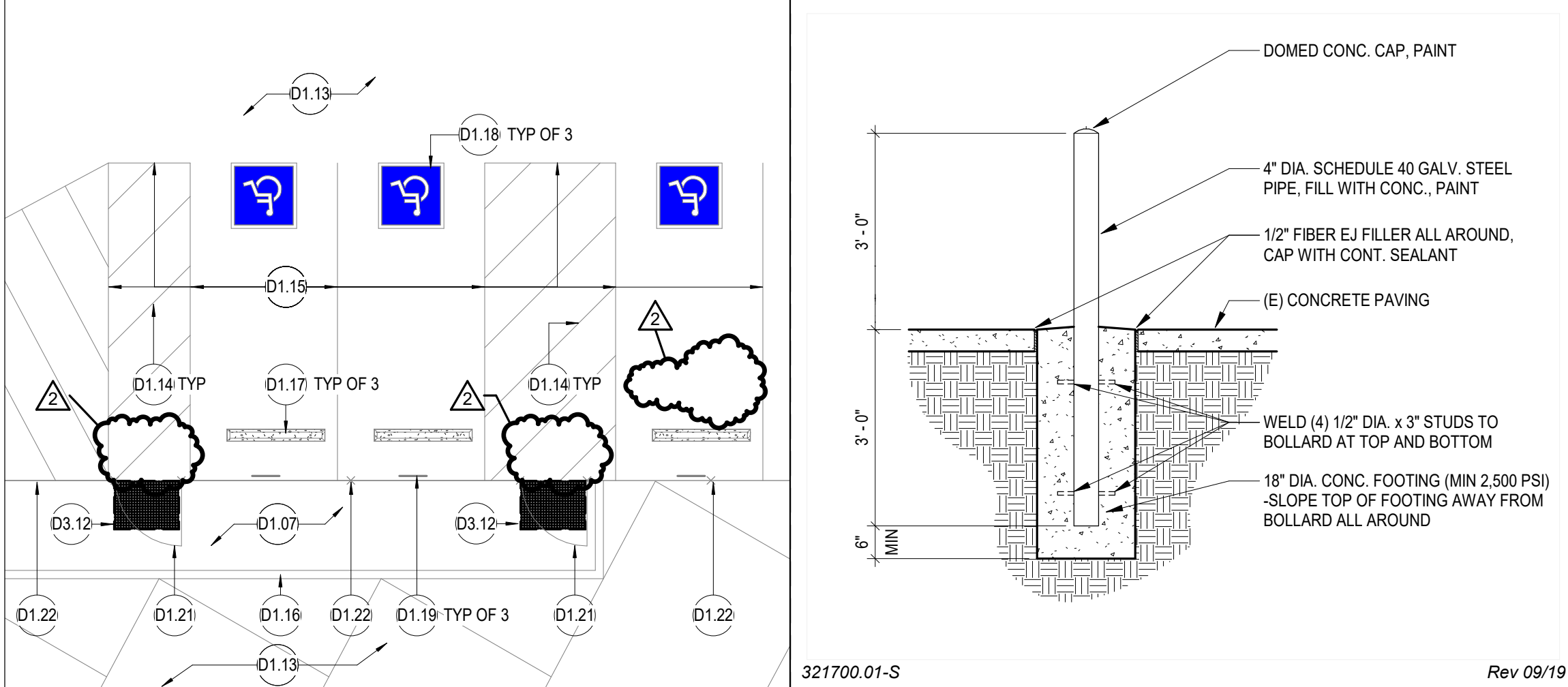
0' 1'



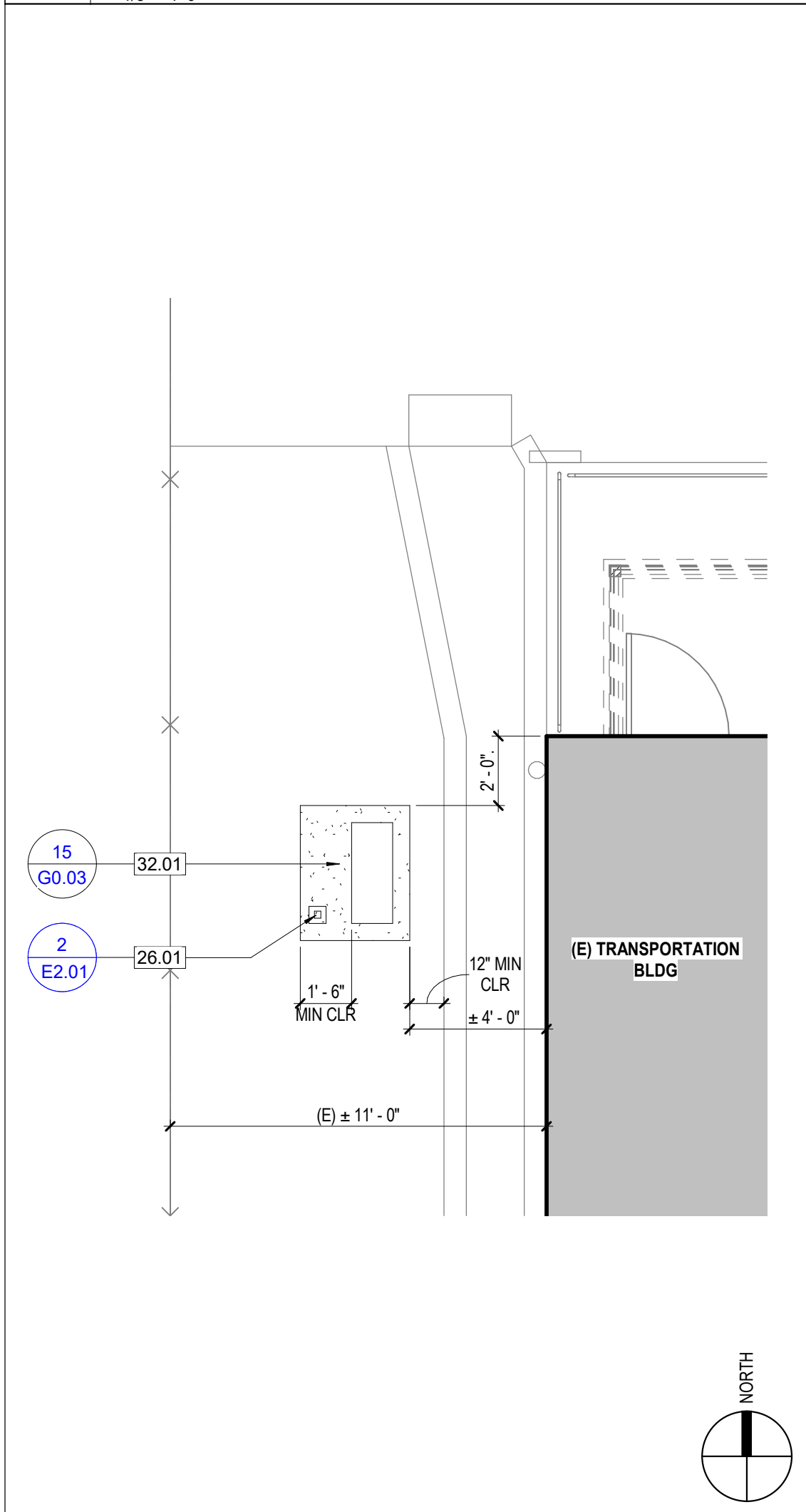
SITE PLAN KEYED NOTES	
#	Description
02.01	(E) TOW AWAY SIGN
26.01	NON-FUSIBLE DISCONNECT SWITCH ON UNISTRUT SUPPORT, SEE ELECTRICAL DRAWINGS
32.01	4" H. HOUSEKEEPING PAD, SEE ELECTRICAL & MECHANICAL DRAWINGS
32.02	PIPE BOLLARDS WITH CONCRETE FOOTING

DEMOLITION KEYED NOTES	
#	Description
D1.01	(E) CONCRETE GUTTER, PROTECT IN PLACE
D1.02	(E) CATCH BASIN, PROTECT IN PLACE
D1.03	(E) DOWNSPOUT, PROTECT IN PLACE
D1.04	(E) HANDRAIL, PROTECT IN PLACE
D1.05	(E) SURFACE MOUNT JUNCTION BOX, PROTECT IN PLACE
D1.06	(E) CONCRETE PLATFORM, PROTECT IN PLACE
D1.07	(E) CONCRETE PAVING, PROTECT IN PLACE
D1.08	(E) LINE OF STAIRS WITH HANDRAIL OVERHANG, PROTECT IN PLACE
D1.09	(E) LANDSCAPE, PROTECT IN PLACE
D1.10	(E) CHAIN LINK FENCE WITH CONCRETE FOOTINGS, PROTECT IN PLACE
D1.11	(E) CONDENSING UNIT OVER HOUSEKEEPING PAD, PROTECT IN PLACE
D1.12	(E) BOLLARD WITH CONCRETE FOOTING, PROTECT IN PLACE
D1.13	(E) ASPHALT PAVING, PROTECT IN PLACE
D1.14	(E) 4" WIDE WHITE STRIPES, PROTECT IN PLACE
D1.15	(E) 4" WIDE BLUE STRIPES, PROTECT IN PLACE
D1.16	(E) CONCRETE CURB, PROTECT IN PLACE
D1.17	(E) PRECAST CONCRETE WHEEL STOPS, PROTECT IN PLACE
D1.18	(E) ISA SIGNAGE, PROTECT IN PLACE
D1.19	(E) ACCESSIBLE PARKING SIGNAGE
D1.21	(E) SERVICE CHAIN LINK GATE, PROTECT IN PLACE
D1.22	(E) CHAIN LINK FENCE, PROTECT IN PLACE
D3.10	PORTION OF (E) LANDSCAPE AREA TO BE REMOVED IN ITS ENTIRETY
D3.11	PORTION OF (E) CONCRETE PAVING TO BE REMOVED IN ITS ENTIRETY
D3.12	(E) TRUNCATED DOMES TO BE REMOVED IN ITS ENTIRETY, PATCH AND REPAIR (E) FINISHES AS REQUIRED

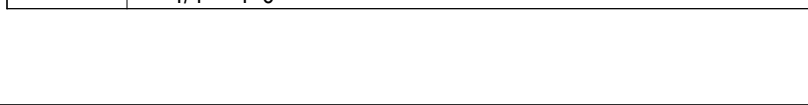
24 SITE PLAN
1" = 30'-0"



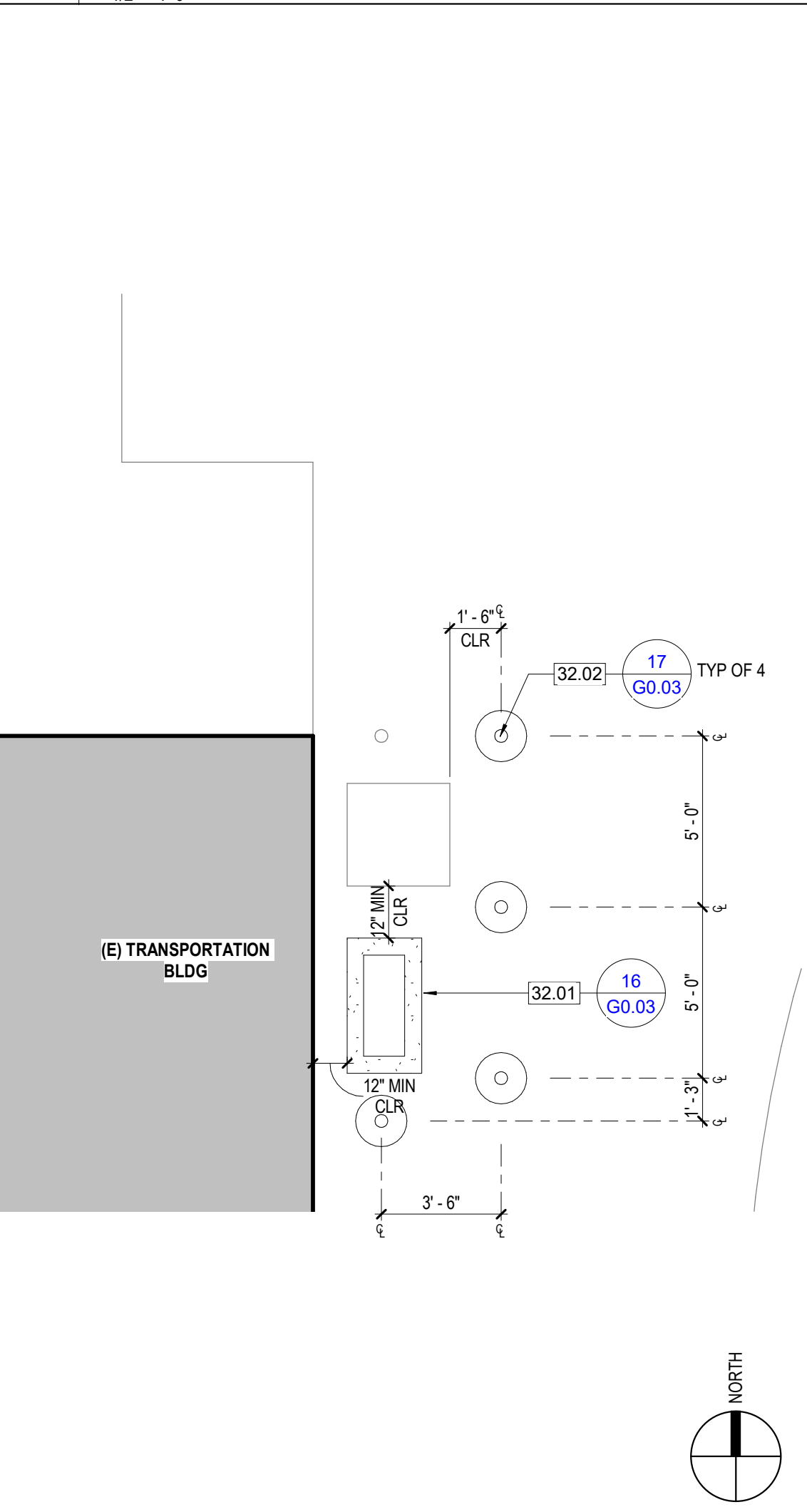
18 DEMOLITION ENLARGED SITE PLAN AREA
1/8" = 1'-0"



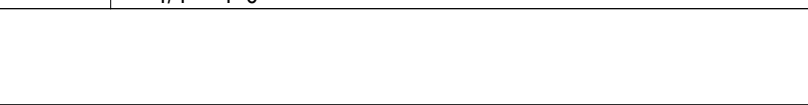
6 ENLARGED SITE PLAN AREA
1/4" = 1'-0"



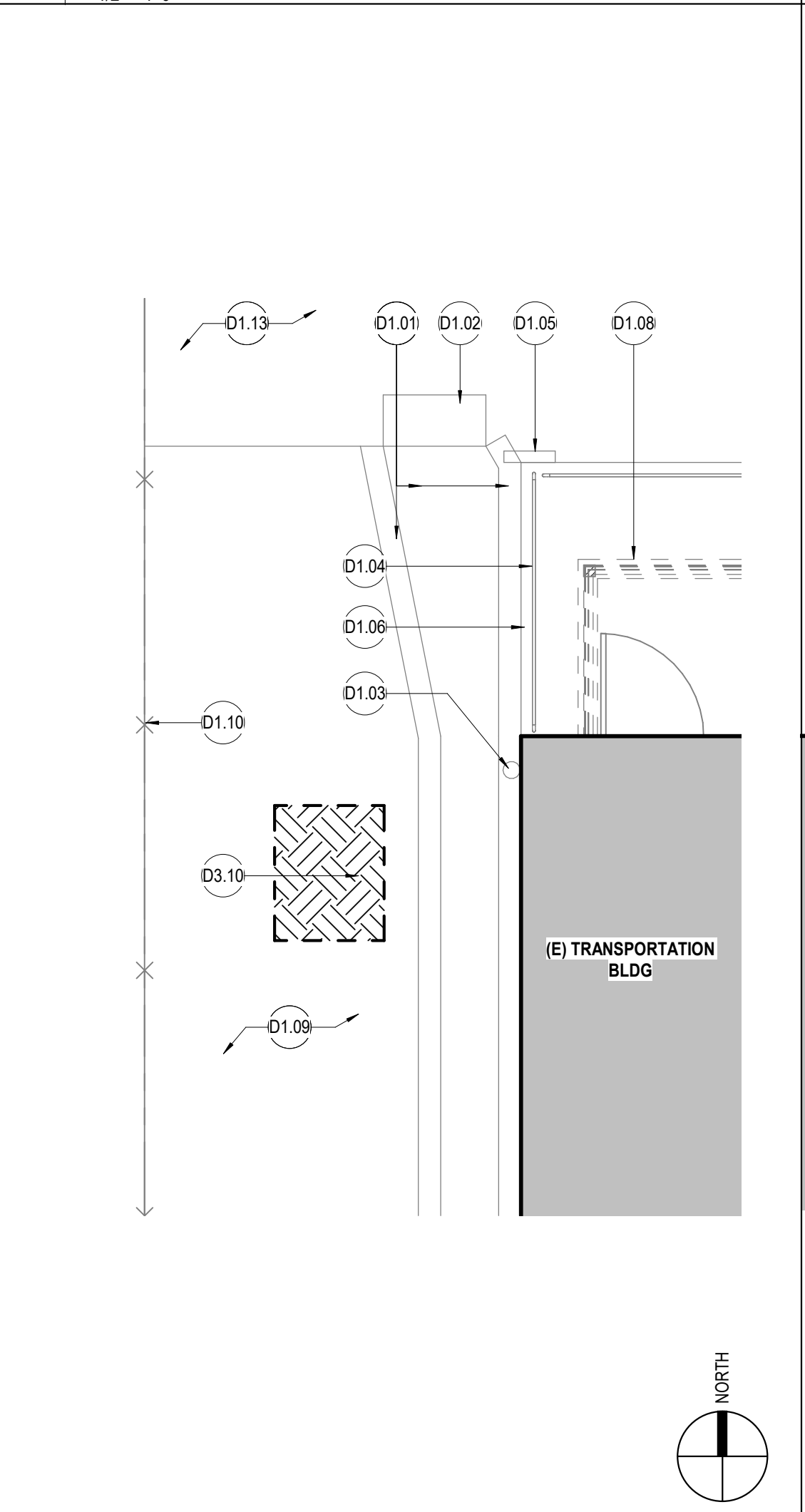
17 PIPE BOLLARD
1/2" = 1'-0"



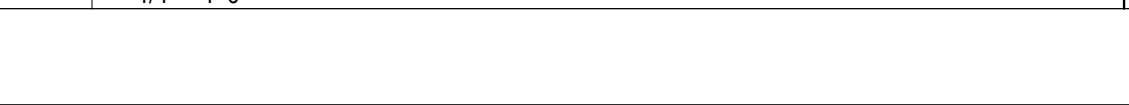
5 ENLARGED SITE PLAN AREA
1/4" = 1'-0"



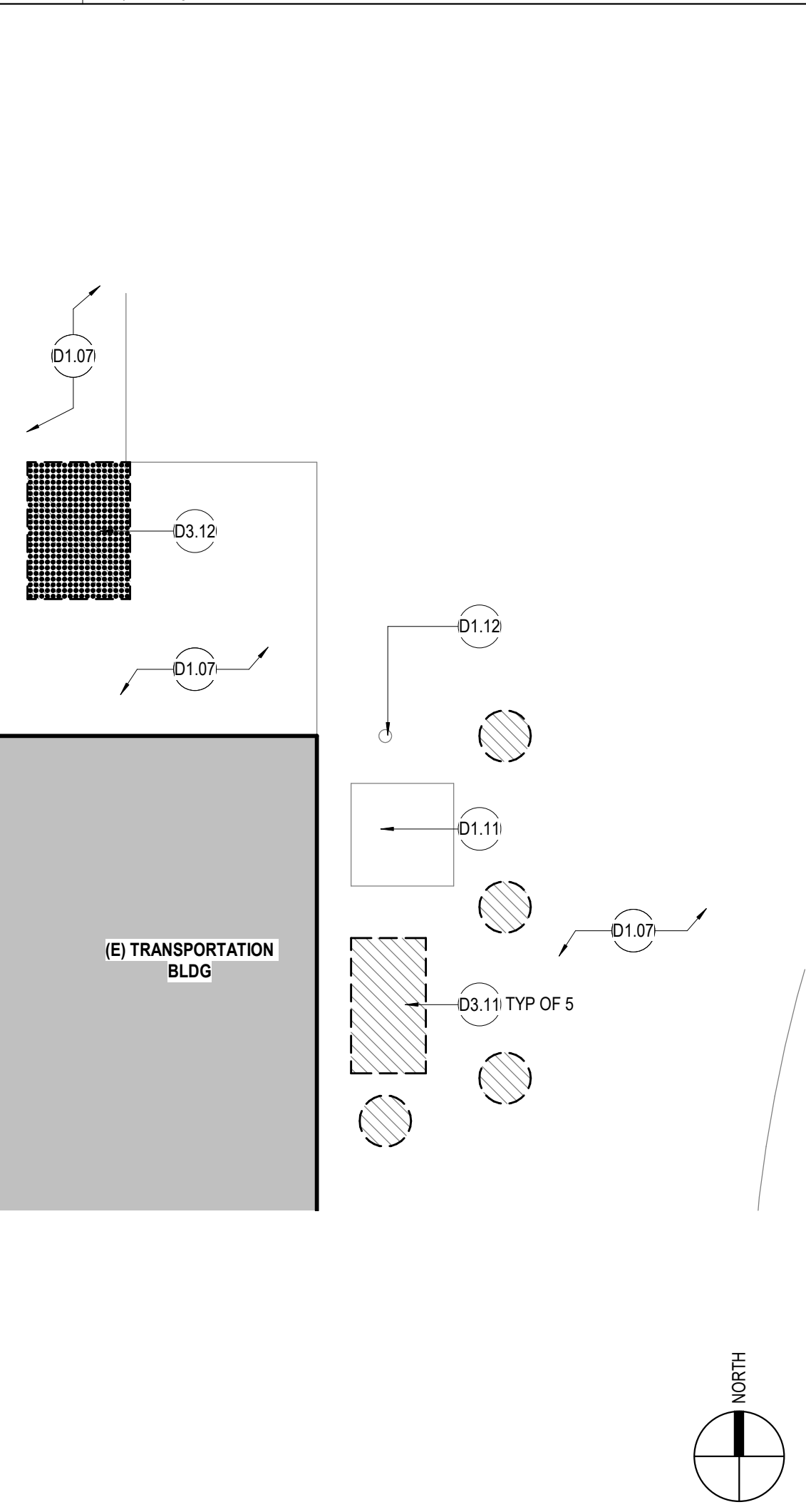
16 TYPICAL CONCRETE PAD @ C. PAVING
1/2" = 1'-0"



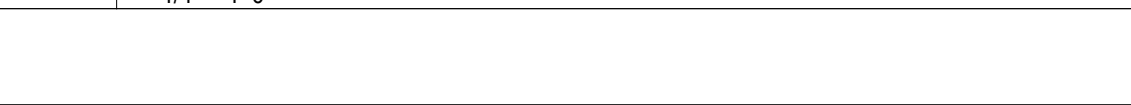
4 DEMOLITION ENLARGED SITE PLAN AREA
1/4" = 1'-0"



15 TYPICAL CONCRETE PAD @ SOIL LAYER
1/2" = 1'-0"



3 DEMOLITION ENLARGED SITE PLAN AREA
1/4" = 1'-0"



GENERAL DEMOLITION NOTES:

- THE DEMOLITION PLAN OUTLINES SOME OF THE SCOPE OF THE WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL SHEETS FOR ADDITIONAL DEMO SCOPE.
- CONTRACTOR SHALL VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMERCIAL DEMOLITION ACTIVITIES. CONTRACTOR SHALL NOT SCALE DRAWINGS. CONTRACTOR WILL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.
- AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL MONEY WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR.
- CONTRACTOR WILL BE REQUIRED TO REPAIR, REPLACE, OR PATCH EXISTING BUILDINGS, DRIVEWAYS, SIDEWALKS, CANOPIES, AND/OR PARKING AREAS DISTURBED BY DEMOLITION.
- CONTRACTOR WILL BE REQUIRED TO REGRADE AND HYDROMULCH AREAS AFFECTED BY DEMOLITION.
- ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.
- REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THE DAMAGE, TO MATCH EXISTING ADJACENT CONSTRUCTION.
- CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
- CONTRACTOR SHALL REMOVE DEBRIS REGULARLY AS NECESSARY TO ELIMINATE INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
- CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND/OR SOUND PARTITION BETWEEN CONSTRUCTION AREA AND AREAS NOT IN SCOPE AS NECESSARY. DEMOLITION ACTIVITIES SHALL BE PERFORMED SO AS TO PRODUCE MINIMAL DISTURBANCE TO EXISTING FACILITY AND OCCUPANTS (I.E. MINIMIZE EXCESSIVE AND PROLONGED NOISE LEVELS AND DUST).
- IDENTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD CONDITION.
- THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
- MAINTAIN THE INTEGRITY OF ALL EXISTING RATED WALLS, FIRE SEAL ANY PENETRATIONS WITH UL APPROVED ASSEMBLY.
- WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
- PROTECT EXISTING SITE IMPROVEMENTS AND LANDSCAPING TO REMAIN, INCLUDING BUT NOT LIMITED TO EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL OR EXCAVATED MATERIAL WITHIN DRIP LINES.
- CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES AS NECESSARY TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AND AS REQUIRED BY GOVERNING AUTHORITIES.
- DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.
- WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION.
- CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ELECTRIC, GAS, WATER, TELEPHONE, STORM SEWER, AND SANITARY SEWER FOR FIELD LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITY LINES. PRIOR TO COMMENCEMENT WITH ANY DEMOLITION WORK, CONTRACTOR SHALL IDENTIFY ALL ELECTRICAL CIRCUITS SERVICING THE AREA INVOLVED WITH THIS DEMOLITION. THOSE CIRCUITS SHALL THEN BE LOCKED OUT AND TAGGED OUT IF THEY DO NOT SERVICE ANY OF THE REMAINING BUILDING. THOSE CIRCUITS WHICH ARE IDENTIFIED TO SERVICE BOTH THE AREA TO BE DEMOLISHED AND THE REMAINING BUILDING SHALL BE SPLIT SO AS TO KILL ALL ELECTRICAL POWER TO THE AREA TO BE DEMOLISHED WHILE MAINTAINING POWER TO THE REMAINDER OF THE BUILDING.
- CONTRACTOR TO RE-LOCATE UTILITIES & EQUIPMENT AS REQUIRED TO ACCOMMODATE NEW HVAC, ELECTRICAL & PLUMBING REQUIREMENTS FOR NEW RENOVATION WORK.
- REFER TO MEPT DRAWINGS FOR DEMOLITION OF MEPT SYSTEMS. IDENTIFY WORK REQUIRED BY THIS CONTRACTOR WHICH MAY AFFECT DEMOLITION AND/OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE WITH RELATED SUBS THE EXTENT OF ALL DEMOLITION WORK.
- PATCH FLOORS, WALLS & CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
- WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE SURFACE TO RECEIVE NEW FLOORING.
- NOTIFY ARCHITECT & OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK. PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
- CONTRACTOR TO PROVIDE ALL NECESSARY SHORING FOR PROTECTION OF EXISTING STRUCTURE AND FOUNDATION TO REMAIN.
- ALL DASHED LINES ARE DEMOLITION LINES UNLESS NOTED OTHERWISE (J.N.O.)

SITE PLAN LEGEND

- PATH OF TRAVEL
- (E) PROPERTY LINE
- (E) CHAIN LINK FENCE TO REMAIN
- (E) BUILDING NOT IN SCOPE
- (E) BUILDING AREA OF WORK
- TOILET ROOMS NOT IN SCOPE
W = WOMEN
M = MEN
- (E) LANDSCAPE / PLANTER AREA TO BE REMOVED
- DEMOLITION AREA OF WORK
- 00.00 CONSTRUCTION KEY NOTE
- 00.00 DEMOLITION KEY NOTE

PARKING CALCULATION

(E) PARKING LOT A (BUS):		PROVIDED	REQUIRED
STALLS		10	
(E) PARKING LOT B:		PROVIDED	REQUIRED
STANDARD STALLS		51	03
ACCESSIBLE STALLS		03	
• STANDARD		02	
• VAN		01	
TOTAL P-Lot STALLS		54	
(E) PARKING LOT C:		PROVIDED	REQUIRED
STANDARD STALLS		09	
ACCESSIBLE STALLS		02	02
• STANDARD		01	
• VAN		01	
TOTAL P-Lot STALLS		31	

PATH OF TRAVEL STATEMENT

"DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS, AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARSHSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

THE STATEMENT INDICATES THAT THE ITEMS NOT IDENTIFIED AND NOT IN COMPLIANCE SHALL BE BROUGHT INTO COMPLIANCE BY MEANS OF CONSTRUCTION CHANGE DOCUMENTS. IT DOES NOT MEAN AN UNREASONABLE HARSHSHIP CAN BE SUBMITTED IN LIEU OF COMPLIANCE.

*ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLANS IS A BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:12 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PART OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL."



ARCHITECT PRK Architects, Inc.
8163 Rochester Avenue, Suite 100
Rancho Cucamonga, California 91730
P 909-981-0909

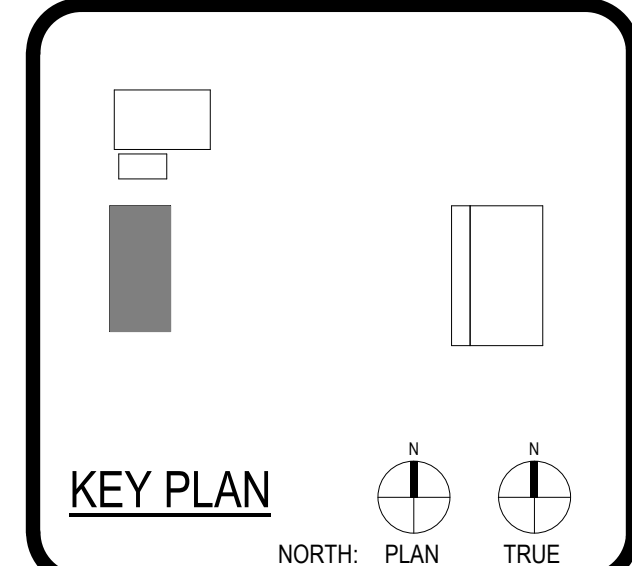
B202301766

ONTARIO
City of Ontario | Building Department
APPROVED & REVIEWED
FOR CODE COMPLIANCE
The issuance of a permit and approval of these plans shall not be construed to permit or approve any violation of the applicable codes or ordinances.
Date: 01/16/2024 1:34:37 PM

REVIEWED
FOR
CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

TRANSPORTATION CENTER

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761
City/Submital - Registration #B202301766



Consultant

Architect
LICENSED ARCHITECT
Yong Yoo
No. C-31162
REV 10-21-2023
STATE OF CALIFORNIA

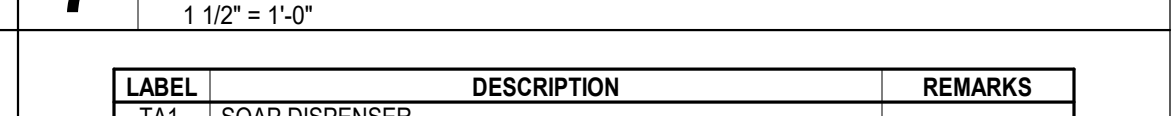
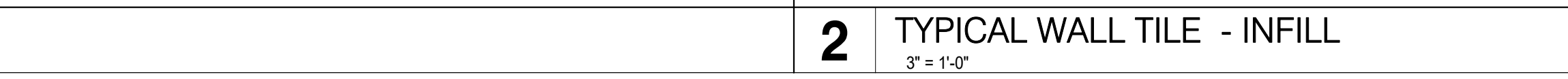
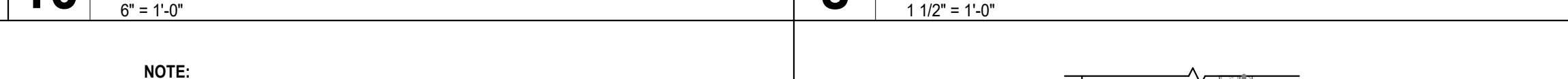
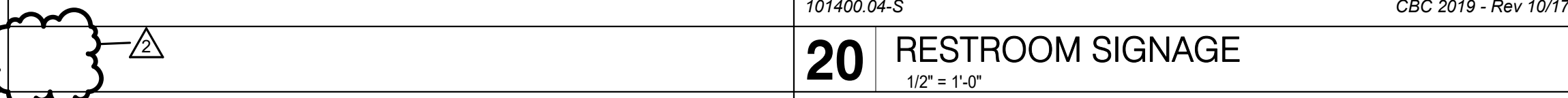
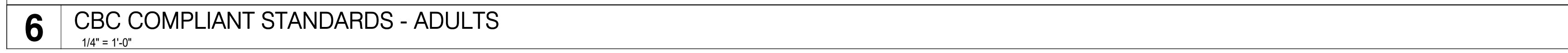
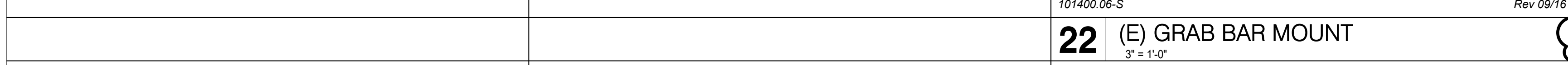
CLIENT
ONTARIO - MONTCLAIR SCHOOL DISTRICT
DATE 3/3/23 PROJECT NUMBER 220316

Revisions	Description	Date
1	CITY BACK CHECK	10/23/23
2	CITY BACK CHECK	12/09/23

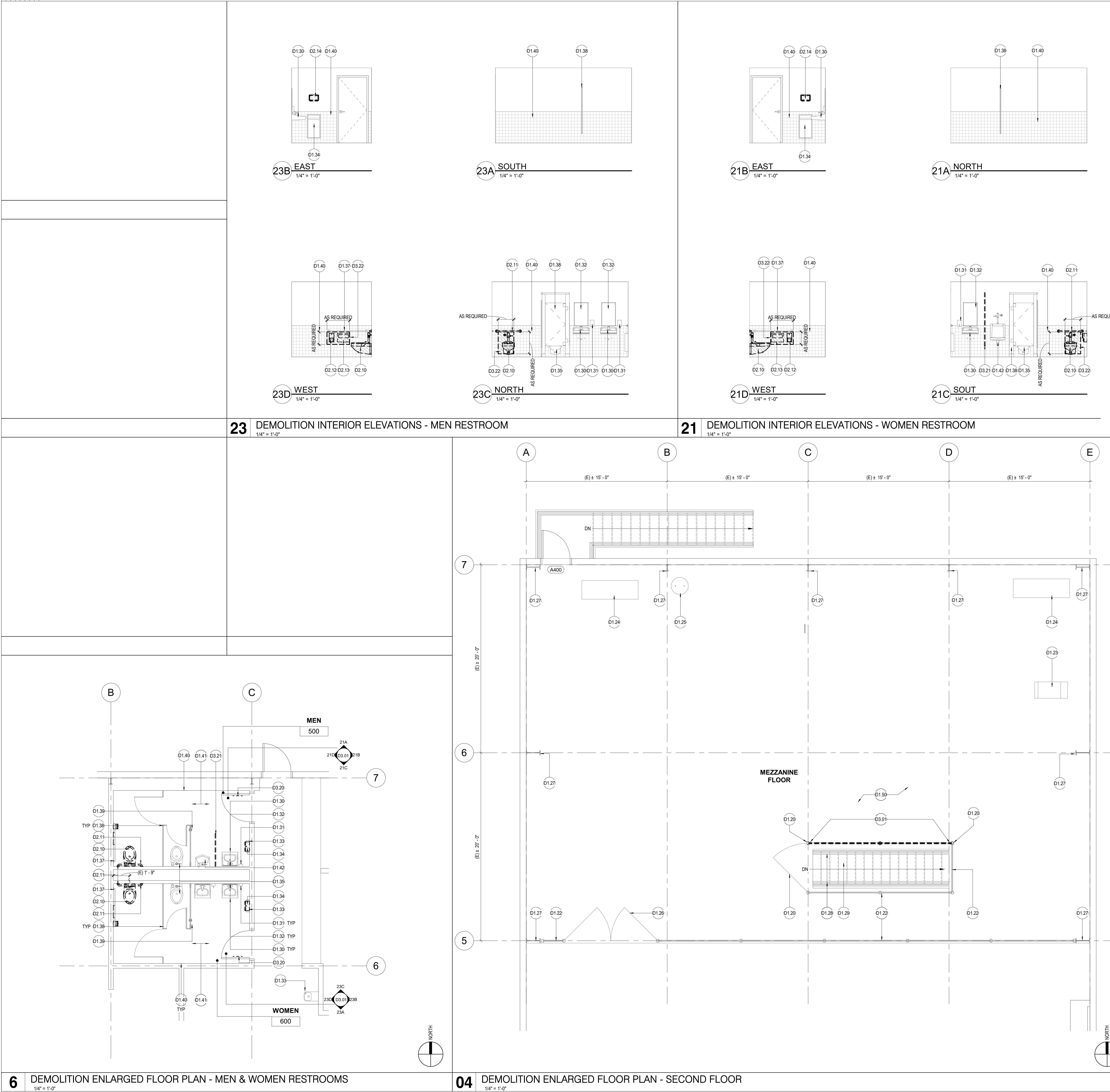
City/Submital - Registration #B202301766

OVERALL SITE PLAN,
ENLARGED SITE PLAN,
DEMO, SITE PLAN &
MISC. DETAILS

G0.03



<h1 style="margin: 0;">PRK</h1>																						
ARCHITECT RANCHO CUCAMONGA 8163 Rochester Avenue, Suite 100 Rancho Cucamonga California 91730 P 909-987-0500	PRK Architects, Inc. <small>INCORPORATED</small>																					
<div style="border: 1px solid red; padding: 5px; display: inline-block;"><div style="text-align: center;"> City of Ontario Building Department APPROVED & REVIEWED FOR CODE COMPLIANCE <small>The issuance of a permit and approval of these plans shall not be construed to permit or approve any violation of the applicable codes or ordinances.</small> <small>Date: 9/17/2024 1:34:37 PM</small></div></div>																						
<div style="border: 1px solid red; padding: 5px; display: inline-block;"><div style="text-align: center;">REVIEWED <small>FOR</small> CODE COMPLIANCE <small>Dec 15, 2023</small></div></div>																						
BPR CONSULTING GROUP																						
<div style="display: flex; justify-content: space-between;"><div style="writing-mode: vertical-rl; transform: rotate(180deg);">TRANSPORTATION CENTER</div><div style="text-align: center;"><div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">PROJECT ADDRESS: 1442 South Bon View Ontario, Ca 91761</div><div style="text-align: center;"> ONTARIO - MONTCLAIR SCHOOL DISTRICT</div></div><div style="writing-mode: vertical-rl; transform: rotate(180deg);">CitySubmittal - Registration #B202301766</div></div>																						
<div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"> KEY PLAN</div><div style="text-align: center;"><div style="display: flex; flex-direction: column; align-items: center;"><div style="text-align: center;"> N NORTH: PLAN</div><div style="text-align: center;"> N TRUE</div></div></div></div>																						
<div style="display: flex; justify-content: space-between; align-items: center;"><div>Consultant</div><div></div></div>																						
<div style="display: flex; justify-content: space-between; align-items: center;"><div>Architect</div><div style="text-align: center;"> Architect Yong Joo No. C-31162 Exp. 12-31-2025 STATE OF CALIFORNIA</div></div>																						
<div style="display: flex; justify-content: space-between; align-items: center;"><div>CLIENT</div><div></div></div> <div style="display: flex; justify-content: space-between; align-items: center;"><div>DATE 3/3/23</div><div>PROJECT NUMBER 220316</div></div>																						
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 10%;">No.</th><th style="width: 80%;">Description</th><th style="width: 10%;">Date</th></tr></thead><tbody><tr><td>1</td><td>CITY BACK CHECK</td><td>10/23/23</td></tr><tr><td>2</td><td>CITY BACK CHECK</td><td>12/08/23</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>		No.	Description	Date	1	CITY BACK CHECK	10/23/23	2	CITY BACK CHECK	12/08/23												
No.	Description	Date																				
1	CITY BACK CHECK	10/23/23																				
2	CITY BACK CHECK	12/08/23																				
CitySubmittal - Registration #B202301766																						
<h2 style="margin: 0;">ACCESSIBILITY DETAILS</h2>																						
<h1 style="margin: 0;">G0.04</h1>																						



DEMOLITION KEYED NOTES

#	Description
D1.20	(E) CHAIN LINK POST TO REMAIN IN PLACE
D1.22	(E) CHAIN LINK FENCE, PROTECT IN PLACE
D1.23	(E) LOCATION OF EXISTING DATA RACK, CONTRACTOR SHALL CAREFULLY RELOCATE DATA RACK. ALL MOUNTED COMPONENTS, INCOMING FIBER AND/OR COPPER TO NEW LOCATION INDICATED, SEE TECHNOLOGY DRAWINGS
D1.24	(E) MECHANICAL EQUIPMENT, PROTECT IN PLACE
D1.25	(E) WATER HEATER, PROTECT IN PLACE
D1.26	(E) SERVICE DOUBLE CHAIN LINK GATE, PROTECT IN PLACE
D1.27	(E) STEEL COLUMNS, PROTECT IN PLACE
D1.28	(E) HANDRAIL, PROTECT IN PLACE
D1.29	(E) STAIRS PROTECT IN PLACE
D1.30	(E) LAVATORY, PROTECT IN PLACE
D1.31	(E) SOAP DISPENSER, PROTECT IN PLACE
D1.32	(E) MIRROR, PROTECT IN PLACE
D1.33	(E) DRINKING FOUNTAIN, PROTECT IN PLACE
D1.34	(E) RECESSED WASTE RECEPTACLE, PROTECT IN PLACE
D1.35	(E) WALL MOUNT TOILET, PROTECT IN PLACE
D1.37	(E) ACCESSIBLE GRAB BAR, PROTECT IN PLACE
D1.38	(E) PARTITION WALL, PROTECT IN PLACE, U.N.O.
D1.39	(E) FLOOR DRAIN WITH MAX. OPENING OF 14", PROTECT IN PLACE
D1.40	(E) WAINSCOT 4" X 4" CERAMIC WALL TILE WITH GYPSUM BOARD ABOVE, PROTECT IN PLACE, U.N.O.
D1.41	(E) 2" X 2" FLOOR TILE, PROTECT IN PLACE
D1.42	(E) URINAL, PROTECT IN PLACE
D1.50	(E) LIGHTWEIGHT STRUCTURAL CONCRETE FILL OVER STEEL DECK, PROTECT IN PLACE
D2.10	(E) ACCESSIBLE SURFACE MOUNT TOILET WITH ASSOCIATED PARTS TO BE REMOVED AND SALVAGE FOR REINSTALLATION. SEE MECHANICAL DRAWINGS, PATCH AND REPAIR PORTION OF EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES
D2.11	TEMPORARY REMOVAL OF (E) GRAB BAR FOR REINSTALLATION OF (E) SURFACE MOUNTED TOILET, PATCH AND REPAIR PORTION OF EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES
D2.12	(E) SEMI-RECESSED TOILET PAPER DISPENSER TO BE REMOVED AND SALVAGE, REMOVE ANY EXISTING OPENING FRAME, PATCH AND REPAIR PORTION OF EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES
D2.13	(E) RECESSED SEAT COVER DISPENSER TO BE REMOVED AND SALVAGE, REMOVE ANY EXISTING OPENING FRAME, PATCH AND REPAIR PORTION OF EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES
D2.14	(E) SURFACE MOUNT PAPER TOWEL DISPENSER TO BE REMOVED AND SALVAGE FOR REINSTALLATION, PATCH AND REPAIR PORTION OF EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES
D3.01	REMOVE (E) ± 4'-0" HIGH CHAIN LINK FENCE
D3.20	(E) DOOR SIGNAGE TO BE REMOVED IN ITS ENTIRETY
D3.21	(E) PARTITION WALL TO BE REMOVED IN ITS ENTIRETY
D3.22	PORTION OF (E) WALL TILE WITH GYPSUM BOARD TO BE REMOVED IN ITS ENTIRETY, PREP FOR (E) SURFACE MOUNT TOILET REINSTALLATION, (E) STUD FRAMING TO REMAIN IN PLACE, U.N.O.

DEMOLITION LEGEND

	EXISTING WALL TO REMAIN
	CMU WALL TO BE REMOVED
	DOOR & FRAME TO BE REMOVED
	DEMOLITION AREA OF WORK

Room name	ROOM NAME AND NUMBER	KEY NOTE
101		00.001

GENERAL DEMOLITION NOTES:

- THE DEMOLITION PLAN OUTLINES SOME OF THE SCOPE OF THE WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL SHEETS FOR ADDITIONAL DEMO SCOPE.
- CONTRACTOR SHALL VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMERCIAL DEMOLITION ACTIVITIES. CONTRACTOR SHALL NOT SCALE DRAWINGS. CONTRACTOR WILL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.
- AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL MONEY WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR.
- CONTRACTOR WILL BE REQUIRED TO REPAIR, REPLACE, OR PATCH EXISTING BUILDINGS, DRIVEWAYS, SIDEWALKS, CANOPIES, AND/OR PARKING AREAS DISTURBED BY DEMOLITION.
- CONTRACTOR WILL BE REQUIRED TO REGRADE AND HYDROMULCH AREAS AFFECTED BY DEMOLITION.
- ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.
- REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THE DAMAGE. TO MATCH EXISTING ADJACENT CONSTRUCTION.
- CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
- CONTRACTOR SHALL REMOVE DEBRIS REGULARLY AS NECESSARY TO ELIMINATE INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
- CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND/OR SOUND PARTITION BETWEEN CONSTRUCTION AREA AND AREAS NOT IN SCOPE AS NECESSARY. DEMOLITION ACTIVITIES SHALL BE PERFORMED SO AS TO PRODUCE MINIMAL DISTURBANCE TO EXISTING FACILITY AND OCCUPANTS (I.E. MINIMIZE EXCESSIVE AND PROLONGED NOISE LEVELS AND DUST).
- NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD CONDITION.
- THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
- MAINTAIN THE INTEGRITY OF ALL EXISTING RATED WALLS, FIRE SEAL ANY PENETRATIONS WITH U.L. APPROVED ASSEMBLY.
- WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
- PROTECT EXISTING SITE IMPROVEMENTS AND LANDSCAPING TO REMAIN. INCLUDING BUT NOT LIMITED TO EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL OR EXCAVATED MATERIAL WITHIN DRIP LINES.
- CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES AS NECESSARY TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AND AS REQUIRED BY GOVERNING AUTHORITIES.
- DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.
- WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION.
- CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ELECTRIC, GAS, WATER, TELEPHONE, STORM SEWER, AND SANITARY SEWER FOR FIELD LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITY LINES. PRIOR TO COMMENCEMENT WITH ANY DEMOLITION WORK, CONTRACTOR SHALL IDENTIFY ALL ELECTRICAL CIRCUITS SERVICING THE AREA INVOLVED WITH THIS DEMOLITION. THOSE CIRCUITS SHALL THEN BE LOCKED OUT AND TAGGED OUT IF THEY DO NOT SERVICE THE REMAINING BUILDING. THOSE CIRCUITS WHICH ARE IDENTIFIED TO SERVICE BOTH THE AREA TO BE DEMOLISHED AND THE REMAINING BUILDING SHALL BE SPLIT SO AS TO KILL ALL ELECTRICAL POWER TO THE AREA TO BE DEMOLISHED WHILE MAINTAINING POWER TO THE REMAINDER OF THE BUILDING.
- CONTRACTOR TO RE-LOCATE UTILITIES & EQUIPMENT AS REQUIRED TO ACCOMMODATE NEW HVAC, ELECTRICAL & PLUMBING REQUIREMENTS FOR NEW RENOVATION WORK.
- REFER TO MEPT DRAWINGS FOR DEMOLITION OF MEPT SYSTEMS. IDENTIFY WORK REQUIRED BY THIS CONTRACTOR WHICH MAY AFFECT DEMOLITION AND/OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE WITH RELATED SUBS THE EXTENT OF ALL DEMOLITION WORK.
- PATCH FLOORS, WALLS CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
- WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE SURFACE TO RECEIVE NEW FLOORING.
- NOTIFY ARCHITECT & OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK, PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
- CONTRACTOR TO PROVIDE ALL NECESSARY SHORING FOR PROTECTION OF EXISTING STRUCTURE AND FOUNDATION TO REMAIN.
- ALL DASHED LINES ARE DEMOLITION LINES UNLESS NOTED OTHERWISE (U.N.O.)

ARCHITECT

RANCHO CUCAMONGA
8163 Rochester Avenue, Suite 100
Rancho Cucamonga, California 91730
P 909-987-0909

PBK Architects, Inc.

PBK.com

B202301766

ONTARIO
City of Ontario | Building Department
APPROVED & REVIEWED FOR CODE COMPLIANCE
The issuance of a permit and approval of these plans shall not be construed to permit or approve any violation of the applicable codes or ordinances.
Date: 01/16/2024 1:34:37 PM

REVIEWED FOR CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

TRANSPORTATION CENTER

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761

City Submittal - Registration #B202301766

KEY PLAN

NORTH: PLAN TRUE

Consultant

Architect

Licensed Architect
Yong Yoo
No. C-31162
STATE OF CALIFORNIA

CLIENT
ONTARIO - MONTCLAIR SCHOOL DISTRICT

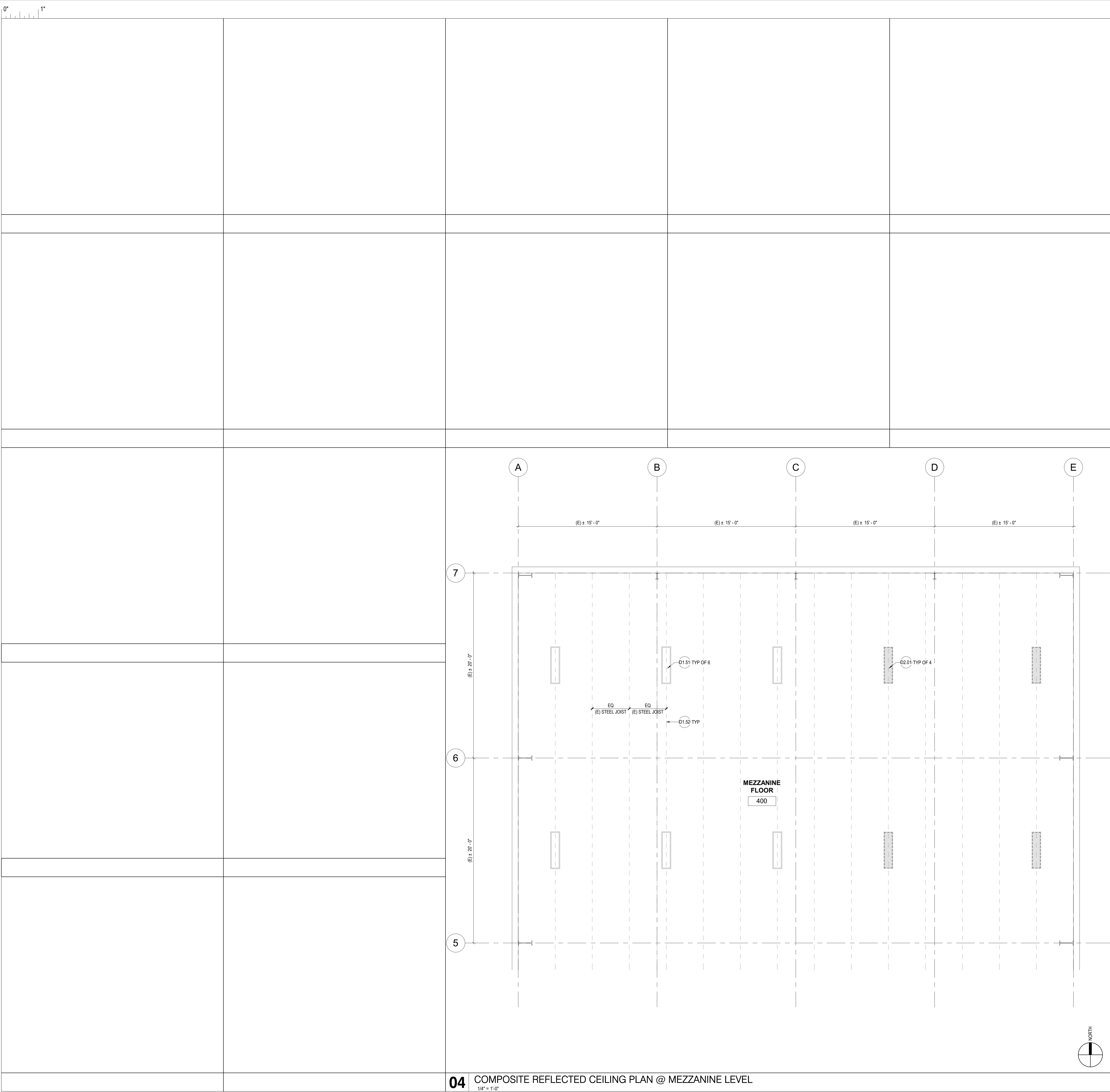
DATE 3/3/23 PROJECT NUMBER 220316

No.	Description	Date
1	CITY BACK CHECK	10/23/23

City Submittal - Registration #B202301766

DEMOLITION ENLARGED FLOOR PLANS

D3.01



04 COMPOSITE REFLECTED CEILING PLAN @ MEZZANINE LEVEL
1/4" = 1'-0"

DEMOLITION KEYED NOTES

#	Description
D1.51	(E) LIGHT FIXTURE, PROTECT IN PLACE
D1.52	(E) STEEL JOIST, PROTECT IN PLACE
D2.01	(E) LIGHT FIXTURE TO BE REMOVED AND SALVAGE FOR REINSTALLATION

DEMOLITION REFLECTED CEILING PLAN LEGEND

(E) WALL TO REMAIN

(E) STEEL JOIST TO REMAIN

HATCH INDICATES:
(E) OPEN TO STRUCTURE ABOVE

(E) LIGHT FIXTURE(S) TO REMAIN

(E) LIGHT FIXTURE(S) TO BE REMOVED U.N.O.

(E) LIGHT FIXTURE(S) TO BE RELOCATED

GENERAL DEMOLITION NOTES:

1. THE DEMOLITION PLAN OUTLINES SOME OF THE SCOPE OF THE WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL SHEETS FOR ADDITIONAL DEMO SCOPE.

2. CONTRACTOR SHALL VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMERCIAL DEMOLITION ACTIVITIES. CONTRACTOR SHALL NOT SCALE DRAWINGS. CONTRACTOR WILL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.

3. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL MONEY WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR.

4. CONTRACTOR WILL BE REQUIRED TO REPAIR, REPLACE, OR PATCH EXISTING BUILDINGS, DRIVEWAYS, SIDEWALKS, CANOPIES, AND/OR PARKING AREAS DISTURBED BY DEMOLITION.

5. CONTRACTOR WILL BE REQUIRED TO REGRADE AND HYDROMULCH AREAS AFFECTED BY DEMOLITION.

6. ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.

7. REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THE DAMAGE. TO MATCH EXISTING/ADJACENT CONSTRUCTION.

8. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.

9. CONTRACTOR SHALL REMOVE DEBRIS REGULARLY AS NECESSARY TO ELIMINATE INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.

10. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND/OR SOUND PARTITION BETWEEN CONSTRUCTION AREA AND AREAS NOT IN SCOPE AS NECESSARY. DEMOLITION ACTIVITIES SHALL BE PERFORMED SO AS TO PRODUCE MINIMAL DISTURBANCE TO EXISTING FACILITY AND OCCUPANTS (I.E. MINIMIZE EXCESSIVE AND PROLONGED NOISE LEVELS AND DUST.)

11. NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD CONDITION.

12. THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.

13. MAINTAIN THE INTEGRITY OF ALL EXISTING RATED WALLS, FIRE SEAL ANY PENETRATIONS WITH U.L. APPROVED ASSEMBLY.

14. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.

15. PROTECT EXISTING SITE IMPROVEMENTS AND LANDSCAPING TO REMAIN, INCLUDING BUT NOT LIMITED TO EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL OR EXCAVATED MATERIAL WITHIN DRIP LINES.

16. CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES AS NECESSARY TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AND AS REQUIRED BY GOVERNING AUTHORITIES.

17. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.

18. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION.

19. CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ELECTRIC, GAS, WATER, TELEPHONE, STORM SEWER, AND SANITARY SEWER FOR FIELD LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITY LINES. PRIOR TO COMMENCEMENT WITH ANY DEMOLITION WORK, CONTRACTOR SHALL IDENTIFY ALL ELECTRICAL CIRCUITS SERVING THE AREA INVOLVED WITH THIS DEMOLITION. THOSE CIRCUITS SHALL THEN BE LOCKED OUT AND TAGGED OUT IF THEY DO NOT SERVICE ANY OF THE REMAINING BUILDING. THOSE CIRCUITS WHICH ARE IDENTIFIED TO SERVICE BOTH THE AREA TO BE DEMOLISHED AND THE REMAINING BUILDING SHALL BE SPLIT SO AS TO KILL ALL ELECTRICAL POWER TO THE AREA TO BE DEMOLISHED WHILE MAINTAINING POWER TO THE REMANDER OF THE BUILDING.

20. CONTRACTOR TO RE-LOCATE UTILITIES & EQUIPMENT AS REQUIRED TO ACCOMMODATE NEW HVAC, ELECTRICAL & PLUMBING REQUIREMENTS FOR NEW RENOVATION WORK.

21. REFER TO MEPT DRAWINGS FOR DEMOLITION OF MEPT SYSTEMS. IDENTIFY WORK REQUIRED BY THIS CONTRACTOR WHICH MAY AFFECT DEMOLITION AND/OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE WITH RELATED SUBS THE EXTENT OF ALL DEMOLITION WORK.

22. PATCH FLOORS, WALLS CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.

23. WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE SURFACE TO RECEIVE NEW FLOORING.

24. NOTIFY ARCHITECT & OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK. PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.

25. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.

26. CONTRACTOR TO PROVIDE ALL NECESSARY SHORING FOR PROTECTION OF EXISTING STRUCTURE AND FOUNDATION TO REMAIN.

27. ALL DASHED LINES ARE DEMOLITION LINES UNLESS NOTED OTHERWISE (U.N.O.)

ARCHITECT

PBK Architects, Inc.
8163 Rochester Avenue, Suite 100
Rancho Cucamonga
California 91730
P 909-987-0909
PBK.com

B202301766

ONTARIO
City of Ontario Building Department
APPROVED & REVIEWED
FOR CODE COMPLIANCE
The issuance of a permit and approval
of these plans shall not be construed to
permit or approve any violation of the
applicable codes or ordinances.
Date: 03/16/2024 1:38:38 PM

REVIEWED
FOR
CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

TRANSPORTATION CENTER

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761
City Submittal - Registration #B202301766

ONTARIO - MONTCLAIR SCHOOL DISTRICT

KEY PLAN

NORTH: PLAN TRUE

Consultant

Architect
Tong Yoo
No. C-31162
STATE OF CALIFORNIA

CLIENT
ONTARIO - MONTCLAIR SCHOOL DISTRICT
DATE
3/3/23
PROJECT NUMBER
220316

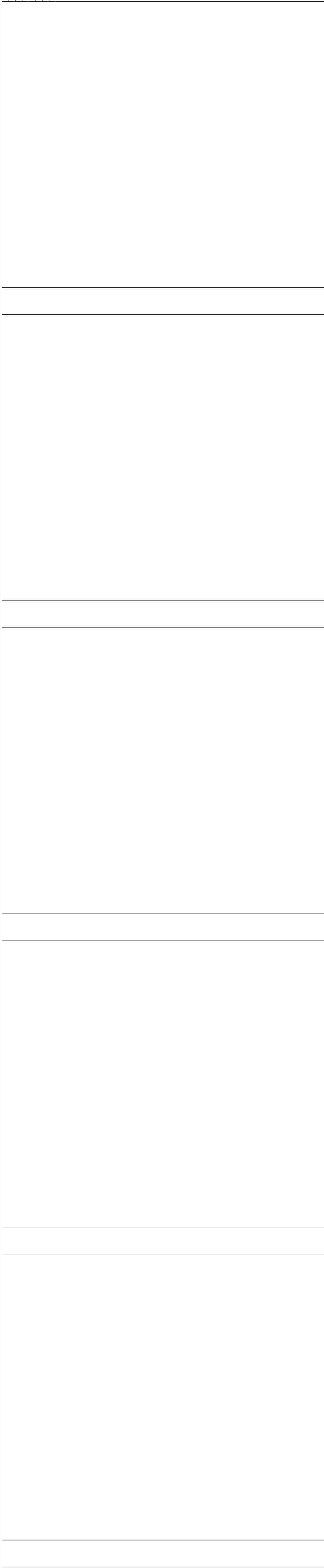
REVISIONS

No.	Description	Date

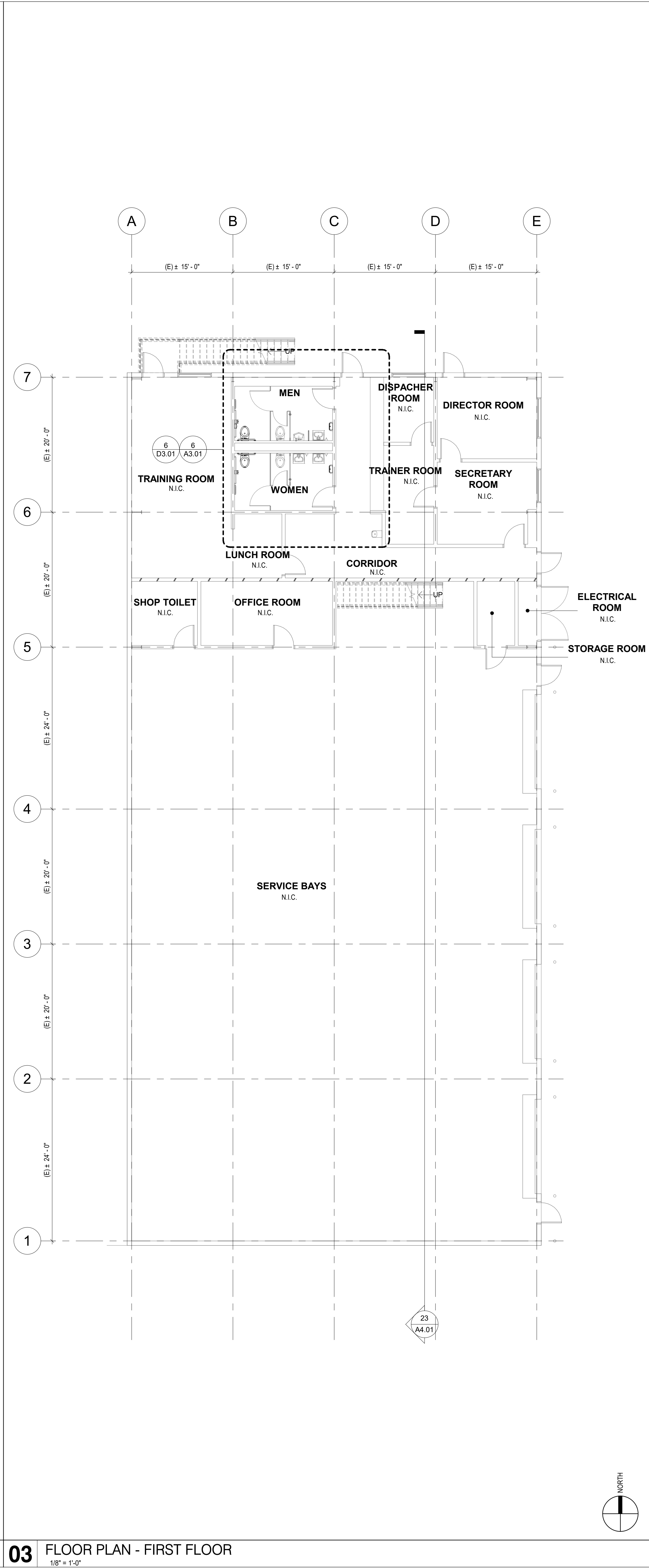
City Submittal - Registration #B202301766

BLDG 'A' DEMOLITION
REFLECTED CEILING
PLAN

D4.01



05 FLOOR PLAN - MEZZANINE FLOOR
1/8" = 1'-0"



03 FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

KEYED NOTES

#Description

FLOOR PLAN LEGEND

EXISTING NR WALL TO REMAIN

EXISTING 1 HR RATED WALL TO REMAIN

NON - RATED WALL TO BE PROVIDED

TRANSPORTATION CENTER

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761

CitySubmittal - Registration #B202301766

REVIEWED FOR CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

ARCHITECT

PBK Architects, Inc.
8163 Rochester Avenue, Suite 100
Rancho Cucamonga
California 91730
P 909-987-5909

ONTARIO

City of Ontario Building Department
APPROVED & REVIEWED FOR CODE COMPLIANCE
The issuance of a permit and approval of these plans shall not be construed to permit or approve any violation of the applicable codes or ordinances.
(Date: 01/16/2024) (S&S) P/L

KEY PLAN

NORTH: PLAN TRUE

Consultant

Architect

LICENSED ARCHITECT
Yong Yoo
No. C-31162
Rev. 10-31-2023
STATE OF CALIFORNIA

CLIENT

ONTARIO - MONTCLAIR SCHOOL DISTRICT
DATE 3/3/23 PROJECT NUMBER 220316

REVISIONS

No.	Description	Date
1	CITY BACK CHECK	10/23/23

CitySubmittal - Registration #B202301766

FIRST & MEZZANINE FLOOR PLAN

PBK

ARCHITECT PBK Architects, Inc.
8163 Rochester Avenue, Suite 100
Rancho Cucamonga
California 91730
P 909-987-5909

B202301766

ONTARIO
City of Ontario Building Department
APPROVED & REVIEWED FOR CODE COMPLIANCE
The issuance of a permit and approval of these plans shall not be construed to permit or approve any violation of the applicable codes or ordinances.
(Date: 01/16/2024) (S&S) P/L

TRANSPORTATION CENTER

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761

CitySubmittal - Registration #B202301766

REVIEWED FOR CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

ARCHITECT

PBK Architects, Inc.
8163 Rochester Avenue, Suite 100
Rancho Cucamonga
California 91730
P 909-987-5909

ONTARIO

City of Ontario Building Department
APPROVED & REVIEWED FOR CODE COMPLIANCE
The issuance of a permit and approval of these plans shall not be construed to permit or approve any violation of the applicable codes or ordinances.
(Date: 01/16/2024) (S&S) P/L

KEY PLAN

NORTH: PLAN TRUE

Consultant

Architect

LICENSED ARCHITECT
Yong Yoo
No. C-31162
Rev. 10-31-2023
STATE OF CALIFORNIA

CLIENT

ONTARIO - MONTCLAIR SCHOOL DISTRICT
DATE 3/3/23 PROJECT NUMBER 220316

REVISIONS

No.	Description	Date
1	CITY BACK CHECK	10/23/23

CitySubmittal - Registration #B202301766

FIRST & MEZZANINE FLOOR PLAN

A2.01

ROOM FINISH SCHEDULE									
ROOM DATA		FLOOR FINISH	BASE FINISH	WALL FINISHES			CEILING FINISH		
No	NAME			NORTH	EAST	SOUTH	WEST		
100	STORAGE ROOM	N/A	RB1	N/A	P1	P1	P1	ACP1	
200	DATA ROOM	N/A	RB1	N/A	N/A	P1	P1	ACP1	
400	MEZZANINE FLOOR	N/A	RB1	P1	P1	N/A	P1	N/A	
500	MEN	N/A	N/A	CT1	N/A	N/A	N/A	N/A	
600	WOMEN	N/A	N/A	N/A	N/A	CT1	N/A	N/A	

FINISH SCHEDULE ABBREVIATIONS

ACP ACOUSTIC CEILING PANEL
CPT CARPET
LVT LUXURY VINYL TILE
P PAINT
RB RUBBER BASE
PC POLISHED CONCRETE
CT CERAMIC TILE

NOTE:
1. FOR ADDITIONAL INFORMATION, PLEASE REFER TO COLOR & MATERIALS SCHEDULE. SEE DETAIL: 24 A4.01

30 FINISH SCHEDULE
NOT TO SCALE

ITEM	MANUFACTURER	DESCRIPTION	COLOR	SIZE	NOTES
ACOUSTIC CEILING PANEL					
ACP1	ARMSTRONG	SCHOOL ZONE FINE FISSED	WHITE	24" x 48"	GRID: 15/16" XL
PAINT					
P1	DUNN EDWARDS	INTERIOR	NAVAJO WHITE DEC 772	N/A	FIELD PAINT
RUBBER BASE					
RB1	JOHNSONITE	TOP SET BASE	40 BLACK	4" H	
CERAMIC WALL TILE					
CT1	DALTILE	TO MATCH (E)	TO MATCH (E)	4"x4"	GROUT COLOR TO MATCH (E)

NOTE:
* SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION

24 COLORS & MATERIALS SCHEDULE
NOT TO SCALE

23 INTERIOR ELEVATIONS - MEN RESTROOM
1/4" = 1'-0"

DOOR SCHEDULE									
DOOR				FRAME		DETAILS			
FROM ROOM	DOOR #	TYPE	PAIR/ SINGLE	SIZE W X H	MATL	FINISH	TYPE	MATL	FINISH
STORAGE ROOM	A100	F	SINGLE	4'-0" x 7'-0"	HM	P	1	HM	P
DATA ROOM	A200	F	SINGLE	4'-0" x 7'-0"	HM	P	1	HM	P
MEZZANINE FLOOR	A400	F	SINGLE	3'-0" x 7'-0"	HM	-	1	HM	-
MEN	A500	F	SINGLE	3'-0" x 7'-0"	WOOD	-	1	HM	-
WOMEN	A600	F	SINGLE	3'-0" x 7'-0"	WOOD	-	1	HM	-
CORRIDOR	A700	F	SINGLE	3'-0" x 7'-0"	HM	-	1	HM	-

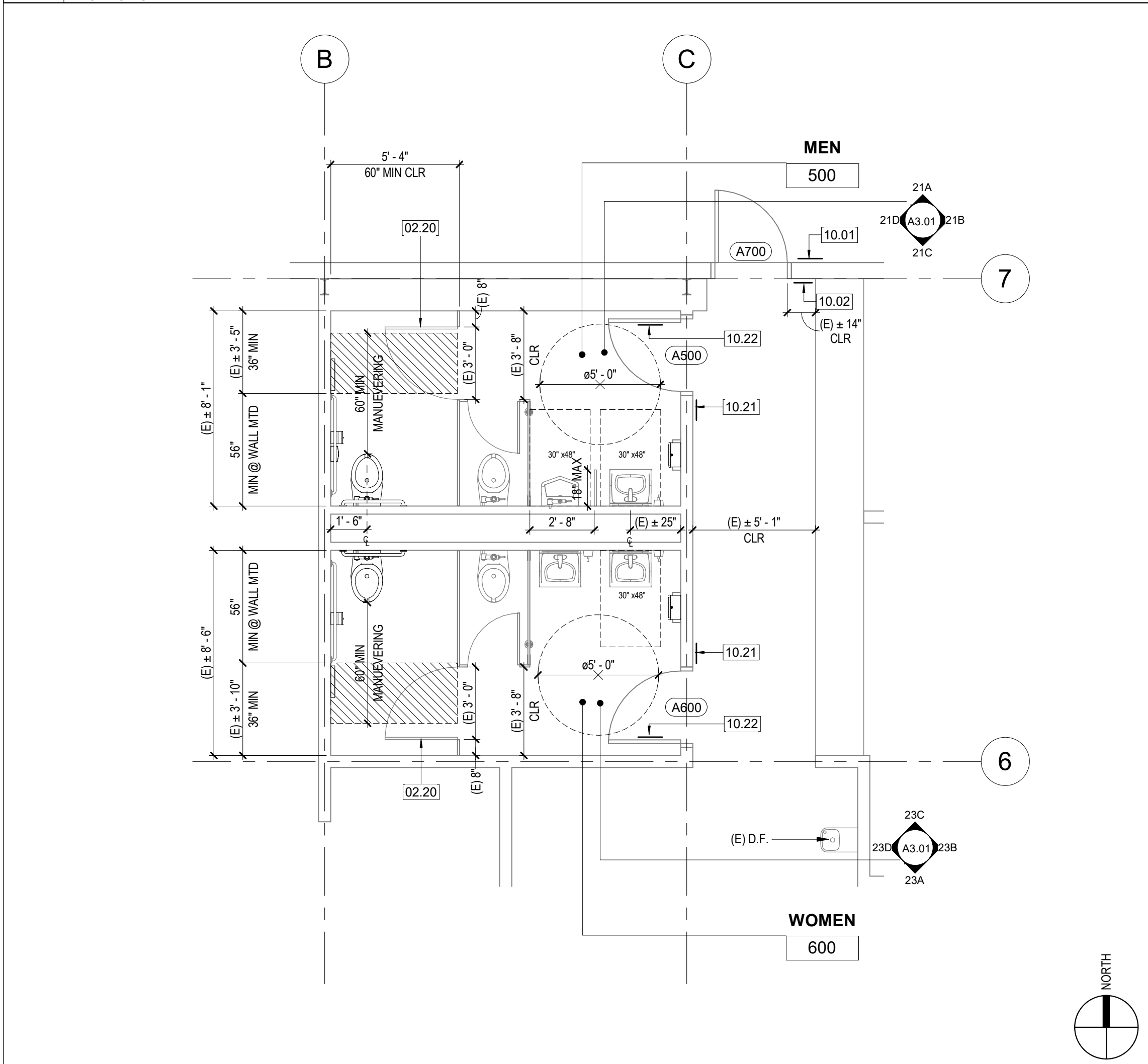
DOOR ABBREVIATIONS

FF FACTORY FINISH
HM HOLLOW METAL
P PAINT FINISH

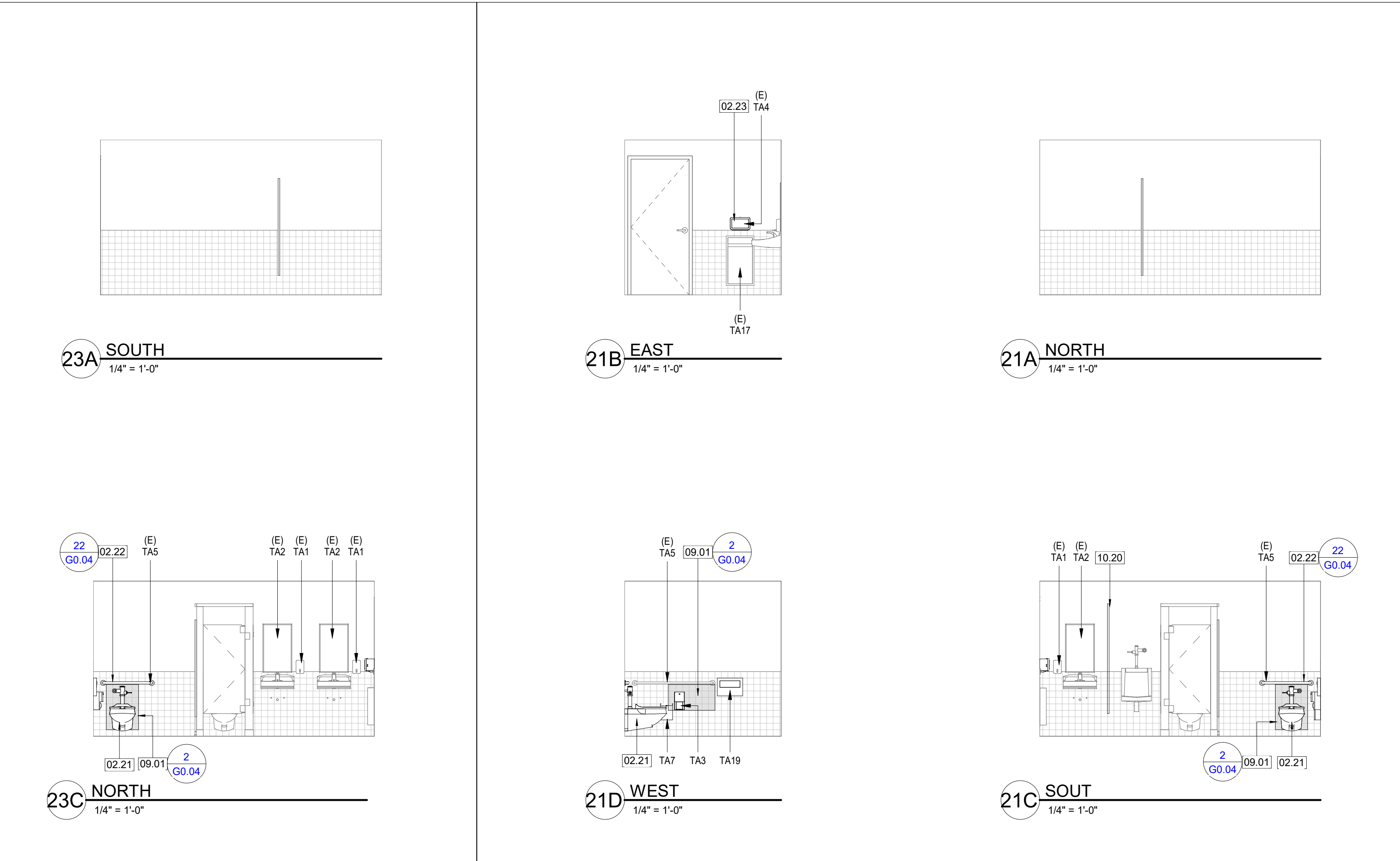
- NOTES:
1. ALL DOORS WITHOUT PANIC HARDWARE SHALL HAVE LEVER HARDWARE.
2. EXIST DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
3. CONTRACTOR SHALL FIELD MEASURE ALL OPENINGS BEFORE FABRICATION.
4. INTERIOR AND EXTERIOR DOOR OPENING FORCE OF 5 LBS. CBC 18-04-2.4.9
5. ALL HOLLOW METAL DOOR FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR, U.N.O.
6. MAXIMUM EFFORT TO OPERATE DOOR SHALL NOT EXCEED THE FOLLOWING:
• INTERIOR HINGED DOORS AND GATES: 5 POUNDS MAXIMUM
• EXTERIOR HINGED DOORS: 5 POUNDS MAXIMUM
• THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DESENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED POSITION

DOOR PANEL ELEVATION TYPE DOOR FRAME ELEVATION TYPE

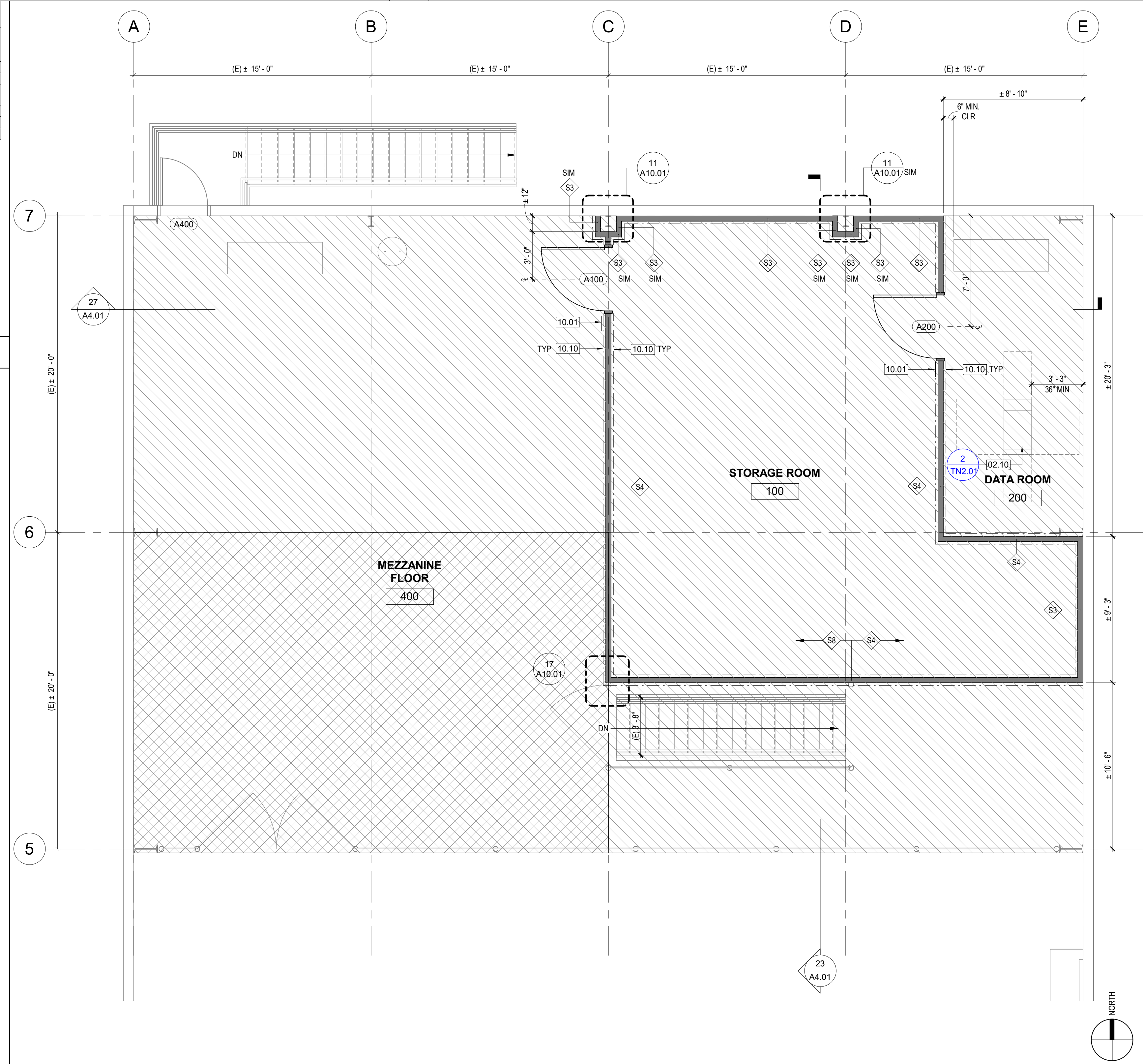
18 DOOR SCHEDULE
NOT TO SCALE



6 ENLARGED FLOOR PLAN - MEN & WOMEN RESTROOMS
1/4" = 1'-0"



21 INTERIOR ELEVATIONS - WOMEN RESTROOM
1/4" = 1'-0"



4 ENLARGED FLOOR PLAN - MEZZANINE FLOOR
1/4" = 1'-0"

KEYED NOTES

Description

02.10 (E) DATA EQUIPMENT, ROTATED 90 DEGREE FOR CLEARANCE REQUIREMENTS, SEE TECHNOLOGY DRAWINGS

02.20 (E) PARTITION DOOR, REVERSE SWING AS SHOWN

02.21 (E) ACCESSIBLE SURFACE MOUNT TOILET TO BE REINSTALLED, SEE MECHANICAL DRAWINGS

02.22 (E) GRAB BARS TO BE REINSTALLED

02.23 (E) SURFACE MOUNT PAPER TOWEL DISPENSER TO BE REINSTALLED

08.01 WALL TILE, GROUT TO MATCH EXISTING

10.01 ROOM IDENTIFICATION SIGNAGE, FOR ADDITIONAL INFORMATION SEE REMODEL PLAN LEGEND

10.02 TACTILE EXIT SIGN, FOR ADDITIONAL INFORMATION SEE REMODEL PLAN LEGEND

10.10 RUBBER BASE ALONG THE DASH / DOT LINE, SEE ENLARGED FLOOR PLAN FOR LOCATION

10.20 PARTITION WALL

10.21 RESTROOM WALL SIGNAGE, FOR ADDITIONAL INFORMATION SEE REMODEL PLAN LEGEND

10.22 RESTROOM DOOR SIGNAGE, FOR ADDITIONAL INFORMATION SEE REMODEL PLAN LEGEND

REMODEL PLAN LEGEND

EXISTING NR WALL TO REMAIN

NON - RATED WALL TO BE PROVIDED

WALL PARTITIONS TAG, SEE SHEET A10.01

R' DESIGNATES RATED CONDITION, WHERE OCCURS

LETTER INDICATES PARTITION TYPE

INDICATES CORE WIDTH

LETTER INDICATES CORE TYPE (S = STUD)

Room name

101 ROOM NAME AND NUMBER

00.00 KEY NOTE

AXXXX DOOR TAG, REFER TO SHEET A4.01 DOOR SCHEDULE

ACCESSIBLE DOOR CLEARANCE REQUIREMENTS

18" MIN. @ INTERIOR
24" MIN. @ EXTERIOR

PULL SIDE
PUSH SIDE

FRONT APPROACH: DOOR PROVIDED WITH ROTH LATCH AND CLOSER

ROOM SIGNAGE REQUIREMENTS

SIGNS PER PLAN

FOR ROOM IDENTIFICATION SIGN..... 7 G0.04

FOR EXIT / EXIT ROUTE SIGN..... 15 G0.04

FOR RESTROOM SIGNAGE..... 20 G0.04

FOR CBC COMPLIANT STANDARD MOUNTING HEIGHT..... 6 G0.04

INDICATES (E) 125 PSF MAX LIGHT STORAGE LOADING AREA.

INDICATES (E) 250 PSF MAX HEAVY STORAGE LOADING AREA.

GENERAL NOTES

1. ALL FINISH MATERIALS MUST MEET THE FLAME SPREAD RATINGS PER THE BUILDING CODE.

2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS.

3. PAINT ALL EXPOSED DUCTWORK, CONDUIT, ELECTRICAL EQUIPMENT, ETC TO MATCH ADJACENT SURFACES.

4. REFER TO TYPICAL FLOORING TRANSITION DETAILS FOR ALL FLOORING MATERIALS.

5. FLOORING TRANSITIONS AT DOORS SHOULD BE LOCATED UNDER THE DOOR IN THE CLOSED POSITION, UNLESS NOTED OTHERWISE.

6. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING FINISHED FLOORING SURFACES FROM DAMAGE DURING ALL CONSTRUCTION PHASES.

7. REFER TO REFLECTED CEILING PLANS FOR CEILING HEIGHTS.

8. ALL ELECTRICAL DEVICE COVERS ARE TO BE WHITE UNLESS NOTED OTHERWISE.

9. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF ALL UTILITIES AND PIPING BY PHYSICAL EXCAVATION, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.

10. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND POINTS OF CONNECTION PRIOR TO BIDDING PROJECT.

11. WHERE PLANS INDICATE NEW FIXTURES OR EQUIPMENT CONNECTING TO EXISTING SERVICES, PLUMBING CONTRACTOR SHALL MODIFY AND/OR EXTEND EXISTING PIPING OR ROUGH-INS AS REQUIRED TO SUIT THE NEW FIXTURE.

12. ACCESSIBLE WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED, NO SHARP OR ABRASIVE SURFACES ARE ALLOWED.

ARCHITECT PRK Architects, Inc.
RANCHO CUCAMONGA
8163 Rochester Avenue, Suite 100
Rancho Cucamonga, California 91730
P 909-981-0909

B202301766

City of Ontario | Building Department
APPROVED & REVIEWED FOR CODE COMPLIANCE
The issuance of a permit and approval of these plans shall not be construed to permit or approve any violation of the applicable codes or ordinances.
Date: 01/16/2024 2:34:36 PM

REVIEWED FOR CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761

CitySubmittal - Registration #B202301766

TRANSPORTATION CENTER

ONTARIO - MONTCLAIR SCHOOL DISTRICT

KEY PLAN
NORTH: PLAN TRUE

Consultant

Architect
Yong Yoo
No. C-31162
REV 10-31-2023
STATE OF CALIFORNIA

CLIENT
ONTARIO - MONTCLAIR SCHOOL DISTRICT
DATE 3/3/23 PROJECT NUMBER 220316

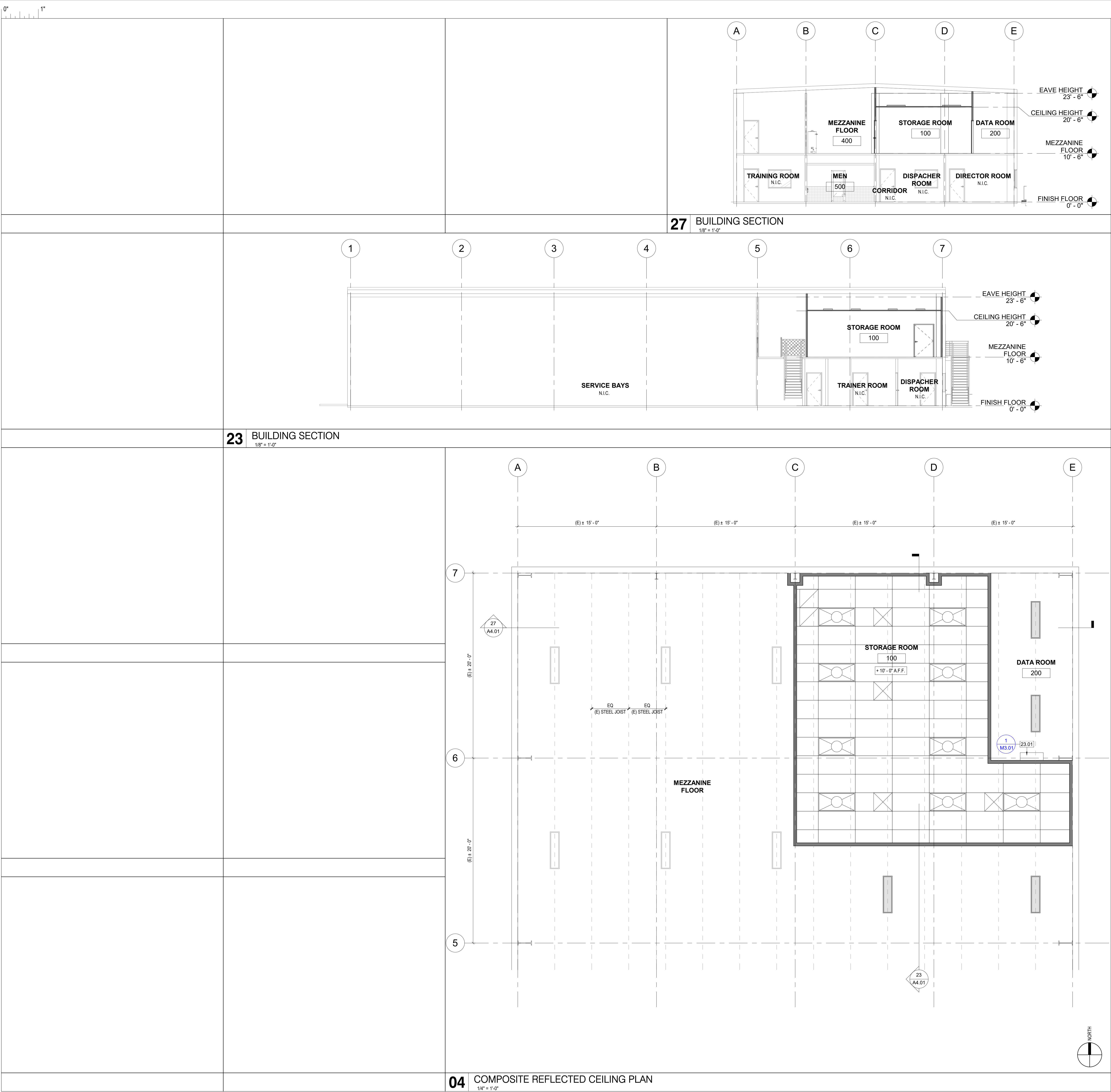
REVISIONS

No.	Description	Date
1	CITY BACK CHECK	10/23/23
2	CITY BACK CHECK	12/08/23

CitySubmittal - Registration #B202301766

ENLARGED FLOOR PLANS, INTERIOR ELEVATIONS & SCHEDULES

A3.01



#

Description

23.01 DUCTLESS WALL MOUNTED FAN COIL UNIT, SEE MECHANICAL DRAWINGS

KEYED NOTES

REFLECTED CEILING PLAN LEGEND

GENERAL RCP NOTES:

1. ALL CEILING AND SOFFIT HEIGHTS ARE GIVEN ABOVE FINISHED FLOOR ELEVATION (EL. 0'-0")

2. GENERALLY ONLY CEILING MOUNTED FIXTURES ARE SHOWN ON THIS PLAN. COORDINATE WITH MEP PLANS FOR ADDITIONAL INFORMATION.

3. SOME OR ALL SPRINKLERS MAY NOT BE SHOWN ON THIS PLAN. COORDINATE WITH MEP DRAWINGS FOR ADDITIONAL INFORMATION. SPRINKLER HEADS TO BE CENTERED ON CEILING TILE, TYP.

4. VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEP DRAWINGS. COORDINATE LOCATIONS OF PANELS WITH ARCHITECT PRIOR TO INSTALLATION. ACCESS PANEL FIRE RATINGS MUST MATCH CEILING ASSEMBLY FIRE RATINGS.

5. ONLY CEILING MOUNTED FIXTURES AND EQUIPMENT IS SHOWN ON ARCH. CEILING PLANS. REFER TO MEPT DOCUMENTS FOR ADDITIONAL INFORMATION CONCERNING CEILING MOUNTED FIXTURES AND OR WALL MOUNTED FIXTURES.

6. LIGHTING FIXTURES TO BE CENTERED AND SPACED EQUALLY UNLESS NOTED OTHERWISE.

7. LIGHT FIXTURES ARE SHOWN FOR DIMENSIONAL PURPOSES ONLY COORDINATE WITH ELECTRICAL DRAWINGS FOR FIXTURE DESIGNATIONS.

8. IF PROJECT INCLUDES FIRE RATED CEILINGS, LIGHT FIXTURES LOCATED IN RATED CEILING ASSEMBLIES ARE TO BE TENTED OR OTHERWISE RATED TO MATCH THE CEILING.

9. ALL ACT CEILINGS ARE 10'-0" A.F.F. UNLESS NOTED OTHERWISE.

10. NO FIRE SPRINKLER HEADS ARE SHOWN ON ARCH. CEILING PLANS, ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN CEILING TILES U.N.O.

ARCHITECT

PBK Architects, Inc.

RANCHO CUCAMONGA

8163 Rochester Avenue, Suite 100

Rancho Cucamonga

California 91730

P 909-987-9909

B202301766

ONTARIO

City of Ontario Building Department

APPROVED & REVIEWED

FOR CODE COMPLIANCE

The issuance of a permit and approval of these plans shall not be construed to permit or approve any violation of the applicable codes or ordinances.

Drawn: J22.1652024

1.34.26 PM

REVIEWED

FOR

CODE COMPLIANCE

Dec 15, 2023

BPR CONSULTING GROUP

PROJECT ADDRESS:

1442 South Bon View

Ontario, CA 91761

CitySubmittal - Registration #B202301766

TRANSPORTATION CENTER

ONTARIO - MONTCLAIR SCHOOL DISTRICT

CONSULTANT

KEY PLAN

NORTH: PLAN TRUE

Architect

LICENSED ARCHITECT

Tong Yoo

No. C-31162

REV 10-31-2025

STATE OF CALIFORNIA

CLIENT

ONTARIO - MONTCLAIR SCHOOL DISTRICT

DATE 3/3/23

PROJECT NUMBER 220316

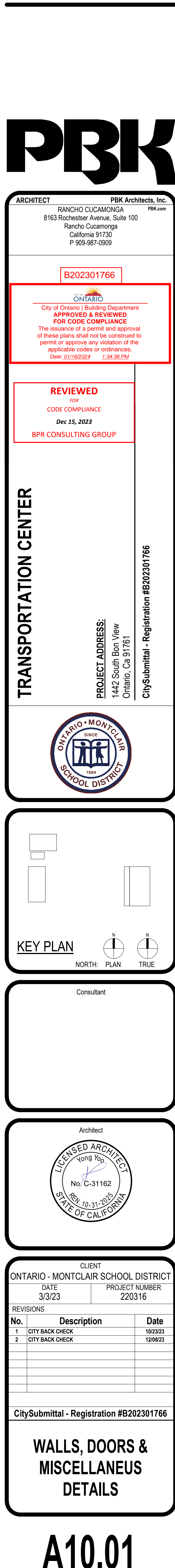
REVISIONS

No.	Description	Date
1	CITY BACK CHECK	10/23/23

CitySubmittal - Registration #B202301766

REFLECTED CEILING PLAN & SECTIONS

A4.01



STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Mechanical Systems			
NRRCC-MCH-E			
CERTIFICATE OF COMPLIANCE			
This document is used to demonstrate compliance for mechanical systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, or 141.0(b)2 for alterations.			
Project Name:		Transportation Center	
Project Address:		1442 South Bon View Ontario, CA 91761	
Report Page:		Date Prepared:	
(Page 1 of 12)		2023-02-07T19:43:46-05:00	

A. GENERAL INFORMATION			
01 Project Location (city)	Ontario	04 Total Conditioned Floor Area	4800
02 Climate Zone	10	05 Total Unconditioned Floor Area	0
03 Occupancy Types Within Project:		06 # of Stories (Habitable Above Grade)	2
• Office			

B. PROJECT SCOPE		
This table includes mechanical systems or components that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, 170.2(b) or 141.0(b)2 and 180.2(b)2 for alterations.		
01	02	03
Air System(s)	Wet System Components	Dry System Components
<input checked="" type="checkbox"/> Heating Air System	<input type="checkbox"/> Water Economizer	<input type="checkbox"/> Air Economizer
<input checked="" type="checkbox"/> Cooling Air System	<input type="checkbox"/> Pumps	<input type="checkbox"/> Electric Resistance Heat
<input checked="" type="checkbox"/> Mechanical Controls	<input type="checkbox"/> System Piping	<input checked="" type="checkbox"/> Fan Systems
<input checked="" type="checkbox"/> Mechanical Controls (existing to remain, altered or new)	<input type="checkbox"/> Cooling Towers	<input checked="" type="checkbox"/> Ductwork (existing to remain, altered or new)
	<input type="checkbox"/> Chillers	<input checked="" type="checkbox"/> Ventilation
	<input type="checkbox"/> Boilers	<input type="checkbox"/> Zonal Systems/ Terminal Boxes

Registration Number:	Generated Date/Time:	Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: 87928-0223-0003 Report Generated: 2023-02-07 16:43:50

STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Mechanical Systems			
NRRCC-MCH-E			
CERTIFICATE OF COMPLIANCE			
Project Name:		Transportation Center	
Project Address:		1442 South Bon View Ontario, CA 91761	
Report Page:		Date Prepared:	
(Page 4 of 12)		2023-02-07T19:43:46-05:00	

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)								
Dry System Equipment Efficiency (other than Package Terminal Air Conditioners (PTAC) and Package Terminal Heat Pumps (PTHP), DX-DOAS and Dual Fuel Heat Pumps)								
01	02	03	04	05	06	07	08	09
Name or Item Tag	Size Category (Btu/h)	Heating Mode			Cooling Mode			
		Rating Condition (°F)	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency
FC-1	<65,000		HSPF	8.19	9.9	SEER	14	17.6
FC-2	<65,000		HSPF	8.19	10.3	SEER	14	22.7

G. PUMPS
This section does not apply to this project.

Registration Number:	Generated Date/Time:	Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: 87928-0223-0003 Report Generated: 2023-02-07 16:43:50

STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Mechanical Systems			
NRRCC-MCH-E			
CERTIFICATE OF COMPLIANCE			
Project Name:		Transportation Center	
Project Address:		1442 South Bon View Ontario, CA 91761	
Report Page:		Date Prepared:	
(Page 7 of 12)		2023-02-07T19:43:46-05:00	

H. EXHAUST AIR HEAT RECOVERY 140.4(q), 170.2.140										
FC-2	1	< 8,000	706	30	0.04	No Exemptions Apply	Not Required	Sensible Energy Recovery Ratio	0.6	Recovery Bypass provided
Fan Energy Index (FEI)										
01			02				03			
Name or Item Tag			FEI Exception				FEI			
FC-1			Embedded Fan <SHP or <4.1kW							
FC-2			Embedded Fan <SHP or <4.1kW							

I. SYSTEM CONTROLS								
This table is used to demonstrate compliance with mandatory controls in 110.2 and 120.2 and prescriptive controls in 140.4(f) and (n), 170.2(c)4D 170.2(c)4L or requirements in 141.0(b)2E 180.2(b)2 for altered space conditioning systems.								
01	02	03	04	05	06	07	08	09
System Name	System Zoning	Conditioned Floor Area Being Served (ft²)	Thermostats 110.2(b) & (c)¹, 120.2(a) 160.3(a)2A or 141.0(b)2E & 160.3(a)2D	Shut-Off Controls 120.2(e) & 160.3(a)2F	Isolation Zone Controls 120.2(c) & 160.3(a)2F	Demand Response 110.12 120.2(b) & 160.3(a)2B	Supply Air Temp. Reset 140.4(f) & 170.2(c)4D	Window Interlocks per 140.4(n) & 170.2(c)4D
FC-1	Single zone	<= 25,000 ft²	Setback	NA: Altered per 141.0(b)2E	NA: Single Zone	DR Tstat per 110.12	NA: Single Zone	NA: No operable windows
FC-2	Single zone	<= 25,000 ft²	Setback	NA: Altered per 141.0(b)2E	NA: Single Zone	DR Tstat per 110.12	NA: Single Zone	NA: No operable windows

¹ FOOTNOTES: Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to have setback thermostats.

Registration Number:	Generated Date/Time:	Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: 87928-0223-0003 Report Generated: 2023-02-07 16:43:50

STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Mechanical Systems			
NRRCC-MCH-E			
CERTIFICATE OF COMPLIANCE			
Project Name:		Transportation Center	
Project Address:		1442 South Bon View Ontario, CA 91761	
Report Page:		Date Prepared:	
(Page 2 of 12)		2023-02-07T19:43:46-05:00	

C. COMPLIANCE RESULTS								
Table C will indicate if the project data input into the compliance document is compliant with mechanical requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, or the table indicated as not compliant for guidance.								
01	02	03	04	05	06	07	08	09
System Summary 110.1, 110.2, 140.4, 170.2(c)	Pumps 140.4(k), 170.2(c)4I	Fans/ Economizers 140.4(c), 140.4(e), 170.2(c)	System Controls 110.2, 120.2, 140.4(f), 170.2(c)	Ventilation 120.1, 160.2	Terminal Box Controls 140.4(d), 170.2(c)4B	Distribution 120.3, 140.4(i), 160.2, 160.3	Cooling Towers 110.2(e)2	Compliance Results
(See Table F)	(See Table G)	(See Table H)	(See Table I)	(See Table J)	(See Table K)	(See Table L)	(See Table M)	
Yes	AND	AND	Yes	AND	Yes	AND	Yes	AND
Mandatory Measures Compliance (See Table Q for Details)					COMPLIES			

D. EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.
The permit applicant has indicated on Table J that ventilation calculations have been attached or included elsewhere on the plans.

E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)					
Space Conditioning System Information					
01	02	03	04	05	06
System Name	Quantity	System Serving	System Status	Space Type	Utilizing Recovered Heat
FC-1	1	Single zone	Alteration		<input type="checkbox"/>

Registration Number:	Generated Date/Time:	Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: 87928-0223-0003 Report Generated: 2023-02-07 16:43:50

STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Mechanical Systems			
NRRCC-MCH-E			
CERTIFICATE OF COMPLIANCE			
Project Name:		Transportation Center	
Project Address:		1442 South Bon View Ontario, CA 91761	
Report Page:		Date Prepared:	
(Page 5 of 12)		2023-02-07T19:43:46-05:00	

H. FAN SYSTEMS & AIR ECONOMIZERS																
This table is used to demonstrate compliance with prescriptive requirements found in 140.4(c), 140.4(e), 140.4(m), 170.2(c)3, and 170.2(c)4A for fan systems. Fan systems serving only process loads are exempt from these requirements and do not need to be included in Table H.																
System Name	FC-1	Quantity	1	Fan System Status	New	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	1,130	Site Elevation	934	Economizer	Fixed Temperature	
01	02	03	04			05			06		07	08	09		10	11
Fan Name or Item Tag	Fan Type	Qty	Component			Airflow through Component (%)	Water Gauge (w.g)	Component Allowance	Fan Allowance (watt/cfm) ¹	Design Electrical Input Power Method	Motor Nameplate Horsepower	Design Electrical Input Power (kW)	Design			
FC-1	Supply	1	Hydronic/DX cooling coil or heat pump coil			100		0.13	0.139	Manufacturer provided					0.33	
						Fan System Allowance (kW) ³										

Registration Number:	Generated Date/Time:	Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: 87928-0223-0003 Report Generated: 2023-02-07 16:43:50

STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Mechanical Systems			
NRRCC-MCH-E			
CERTIFICATE OF COMPLIANCE			
Project Name:		Transportation Center	
Project Address:		1442 South Bon View Ontario, CA 91761	
Report Page:		Date Prepared:	
(Page 8 of 12)		2023-02-07T19:43:46-05:00	

J. VENTILATION AND INDOOR AIR QUALITY									
This table is used to demonstrate compliance with mandatory ventilation requirements in 120.1 120.2(e)3B 140.4(p) and 140.4(q) for all nonresidential and hotel/motel and d124refnolink/160.2, 160.3(a)3D, 170.2(a)4N, 170.2(a)4O for high-rise residential occupancies. For alterations, only ventilation systems being altered within the scope of the permit application need to be documented in this table. In lieu of this table, the required outdoor ventilation rates and airflow may be shown on the plans or the calculations can be presented in a spreadsheet.									
01	<input checked="" type="checkbox"/>	Check the box if the project is showing ventilation calculations on the plans, or attaching the calculations instead of completing this table.							
02	<input type="checkbox"/>	Check this box if the project included Nonresidential, Hotel/Motel Spaces or Multifamily Common Use Spaces							
03	<input type="checkbox"/>	Check the box if the project is using natural ventilation in any nonresidential or hotel/motel spaces to meet required ventilation rates per 120.1(c)2.							
Multifamily Dwelling Unit Ventilation Systems									
<input type="checkbox"/>	Check the box if the system is using continuous ventilation to meet the ventilation requirements per 160.2(b)2A1nb2								
19	20	21	22	23	24	25	26	27	
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(b) & 160.2(b)2			Ventilation per Design		Local Exhaust			Air Filtration per 120.1(c) & 160.2(b)1
	Conditioned Floor Area (ft²)	# of Bedrooms	# of Dwelling Units	Required Min OA CFM¹	Supply Air CFM	Exhaust CFM			
28	Is this a balanced system⁴			29	Meeting Outside Air Requirements?				

¹ FOOTNOTES: Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence.
² Kitchen range hood will be verified per NA7.18.1 to confirm model is rated by HVI or AHAM.
³ Air filtration requirements apply to the following three system types per 120.1(c)1A: space conditioning systems utilizing ducts to supply air to occupiable space; supply-only ventilation systems providing outside air to occupiable space; supply side of balanced ventilation systems including heat recovery and energy recovery ventilation systems providing outside air to occupiable space.
⁴ A balanced ventilation system provides ventilation airflow to each dwelling-unit at a rate equal to or greater than the required minimum rate, but not more than twenty percent.

K. TERMINAL BOX CONTROLS
This section does not apply to this project.

Registration Number:	Generated Date/Time:	Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: 87928-0223-0003 Report Generated: 2023-02-07 16:43:50

STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Mechanical Systems			
NRRCC-MCH-E			
CERTIFICATE OF COMPLIANCE			
Project Name:		Transportation Center	
Project Address:		1442 South Bon View Ontario, CA 91761	
Report Page:		Date Prepared:	
(Page 3 of 12)		2023-02-07T19:43:46-05:00	

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)										
Space Conditioning System Information										
01	02	03	04	05		06				
System Name	Quantity	System Serving	System Status	Space Type		Utilizing Recovered Heat				
FC-2	1	Single zone	Alteration			<input type="checkbox"/>				
Dry System Equipment Sizing (includes air conditioners, condensers, heat pumps, VRF, furnaces and unit heaters and DOAS systems)										
01	02	03	04	05	06	07	08	09	10	11
Name or Item Tag	Equipment Category per Tables 110.2, 140.4(a)2 and 170.2(c)3a1	Equipment Type per Tables 110.2 and Title 20	Smallest Size Available ¹ 140.4(a) and 170.2(c)1	Equipment Sizing per Mechanical Schedule (kBtu/h)						
				Heating Output ^{2,3}			Cooling Output ^{2,3}		Load Calculations ^{3,4}	
				Per Design (kBtu/h)	Rated (kBtu/h)	Supp. Heating Output (kBtu/h)	Sensible Per Design (kBtu/h)	Rated (kBtu/h)	Total Heating Load (kBtu/h)	Total Sensible Cooling Load (kBtu/h)
FC-1	Unitary Heat Pumps (no elec. resistance)	Air-cooled, split (1phase)	Yes	40,000	36,000	0	36,000	36,000	8900	26,000
FC-2	Unitary Heat Pumps (no elec. resistance)	Air-cooled, split (1phase)	Yes	27,000	24,000	0	24,000	24,000	3400	14,300

¹ FOOTNOTES: Equipment shall be the smallest size, within the available options of the desired equipment line, necessary to meet the design heating and cooling loads of the building per 140.4(a) and 170.2(c)1. Healthcare facilities are excepted.
² It is common practice to show rated output capacity on the equipment schedule. Sensible cooling output comes from specification sheet tables.
³ If equipment is heating only, leave cooling output and load blank. If equipment is cooling only, leave heating output and load blank.
⁴ Authority Having Jurisdiction may ask for load calculations used for compliance per 140.4(b) and 170.2(c).

Registration Number:	Generated Date/Time:	Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: 87928-0223-0003 Report Generated: 2023-02-07 16:43:50

STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Mechanical Systems			
NRRCC-MCH-E			
CERTIFICATE OF COMPLIANCE			
Project Name:		Transportation Center	
Project Address:		1442 South Bon View Ontario, CA 91761	
Report Page:		Date Prepared:	
(Page 6 of 12)		2023-02-07T19:43:46-05:00	

H. FAN SYSTEMS & AIR ECONOMIZERS															
System Name	FC-2	Quantity	1	Fan System Status	New	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	706	Site Elevation	934	Economizer	Fixed Temperature
01	02	03	04				05			06	07	08	09	10	11
Fan Name or Item Tag	Fan Type	Qty	Component						Airflow through Component (%)	Water Gauge (wg)	Design				
											Allowance				
											Component Allowance	Fan Allowance (watt/cfm)	Design Electrical Input Power Method	Motor Nameplate Horsepower	Design Electrical Input Power (kW)
FC-2	Supply	1	Hydronic/DX cooling coil or heat pump coil						100	0.13	0.139	Manufacturer provided		0.03	
									Fan System Allowance (kW) ³	0.26	Fan System Electrical Output (kW)			0.03	



STATE OF CALIFORNIA

CALIFORNIA ENERGY COMMISSION

Mechanical Systems

CERTIFICATE OF COMPLIANCE

Project Name: Transportation Center

Project Address: 1442 South Bon View Ontario, CA 91761

Report Page: (Page 10 of 12)

Date Prepared: 2023-02-07T19:43:46-05:00

NRCC-MCH-E

M. COOLING TOWERS

This section does not apply to this project.

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Form/Title

NRCI-MCH-01-E - Must be submitted for all buildings

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Form/Title

Systems/Spaces To Be Field Verified

NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.

NRCA-MCH-05-A - Air Economizer Controls

FC-1, FC-2

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no NRCV forms required for this project.

STATE OF CALIFORNIA

CALIFORNIA ENERGY COMMISSION

Mechanical Systems

CERTIFICATE OF COMPLIANCE

Project Name: Transportation Center

Project Address: 1442 South Bon View Ontario, CA 91761

Report Page: (Page 11 of 12)

Date Prepared: 2023-02-07T19:43:46-05:00

NRCC-MCH-E

Q. MANDATORY MEASURES DOCUMENTATION LOCATION

This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

01	02
Compliance with Mandatory Measures documented through MCH Mandatory Measures Note Block	No
03	04
Mandatory Measure	Plan sheet or construction document location
Heating Equipment Efficiency per 110.1	MS.01
Cooling Equipment Efficiency per 110.1	MS.01
Furnace Standby Loss Control per 110.2(d)	N/A
Duct Insulation per 120.4	Specifications
Heat Pump with Supplemental electric Resistance Heater Controls per 110.2(b)	MS.01
The air duct and plenum system is designed per 120.4(a)-(f)	M3.01 and Specifications
Kitchen range hoods shall be rated for sound in accordance with Section 7.2 of ASHRAE 62.2	N/A

STATE OF CALIFORNIA

CALIFORNIA ENERGY COMMISSION

Mechanical Systems

CERTIFICATE OF COMPLIANCE

Project Name: Transportation Center

Project Address: 1442 South Bon View Ontario, CA 91761

Report Page: (Page 12 of 12)

Date Prepared: 2023-02-07T19:43:46-05:00

NRCC-MCH-E

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Maher Dandachi

Company: LEAF Engineers

City/State/Zip: 8163 Rochester Ave. Ste 100 Rancho Cucamonga, CA 91730

Signature Date: 02/08/2023

CEA/ HERS Certification Identification (if applicable):

Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.

2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)

3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.

4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Rex Wang

Company: LEAF Engineers

City/State/Zip: 8163 Rochester Ave. Ste 100 Rancho Cucamonga, CA 91730

Signature Date: 02/08/2023

License:

Phone:



Registration Number:

Generated Date/Time:

Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000

Schema Version: rev 20220101

Compliance ID: 87928-0223-0003

Report Generated: 2023-02-07 16:43:50

Registration Number:

Generated Date/Time:

Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000

Schema Version: rev 20220101

Compliance ID: 87928-0223-0003

Report Generated: 2023-02-07 16:43:50

Registration Number:

Generated Date/Time:

Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000

Schema Version: rev 20220101

Compliance ID: 87928-0223-0003

Report Generated: 2023-02-07 16:43:50

PBK

ARCHITECT PBK Architects, Inc. 8163 Rochester Avenue, Suite 100 Rancho Cucamonga, California 91730 P 909-987-0909

CONSULTANT LEAF Engineers

8163 Rochester Avenue, Suite 100 Rancho Cucamonga, CA 91730 909-987-0909 leafengineers.com

REVIEWED FOR CODE COMPLIANCE Dec 15, 2023 BPR CONSULTING GROUP

TRANSPORTATION CENTER

PROJECT ADDRESS: 1442 South Bon View Ontario, CA 91761 City/Submital - Registration #B202301766

ONTARIO - MONTCLAIR SCHOOL DISTRICT

KEY PLAN NORTH: PLAN TRUE

Consultant REG. DAVID H. KING No. M38155 Exp. 09-30-2024

Architect LICENSED ARCHITECT Yong Yoo No. C-31162 Exp. 10-31-2025

CLIENT ONTARIO - MONTCLAIR SCHOOL DISTRICT DATE 3/3/23 PROJECT NUMBER 220316

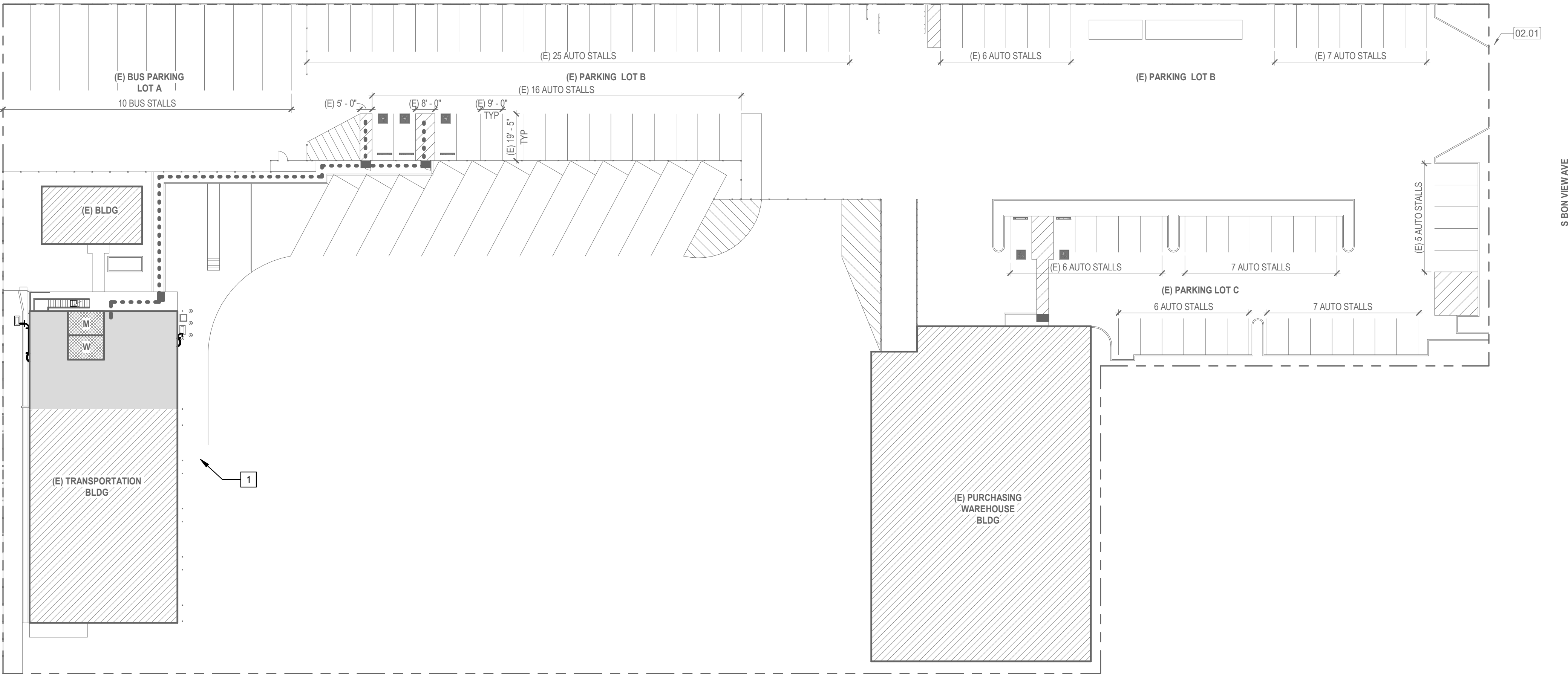
REVISIONS

No. Description Date

City/Submital - Registration #B202301766

MECHANICAL TITLE 24

M0.02



B202301766

City of Ontario | Building Department
APPROVED & REVIEWED
FOR CODE COMPLIANCE
The issuance of a permit and approval
of these plans shall not be construed to
permit or approve any violation of the
applicable codes or ordinances.
Date: 01/06/2023 1:34:38 PM

KEY NOTES

1 AREA OF SCOPE OF WORK.



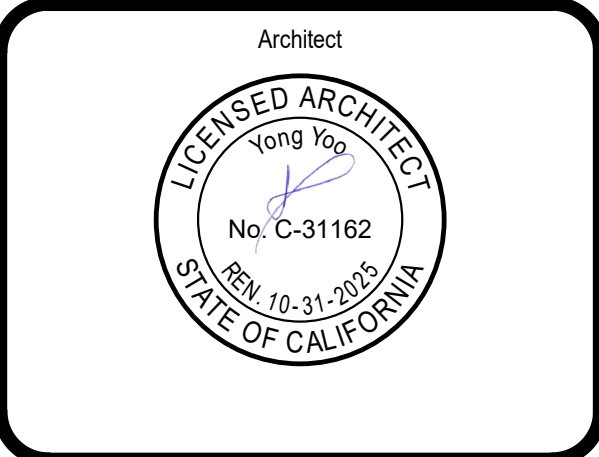
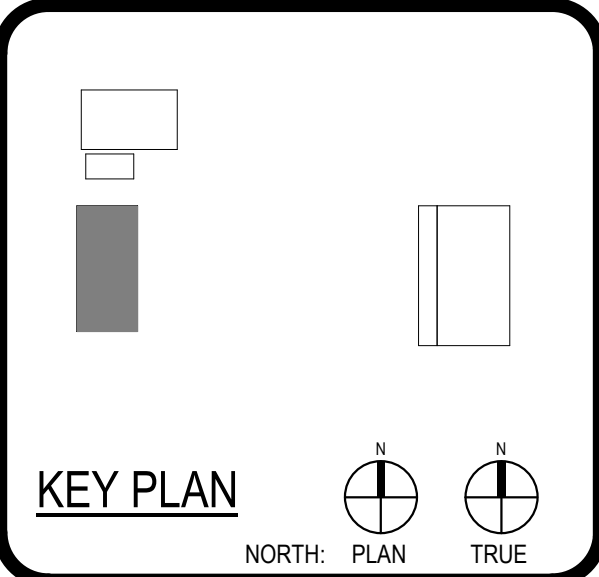
ARCHITECT PBK Architects, Inc.
RANCHO CUCAMONGA
8163 Rochester Avenue, Suite 100
Rancho Cucamonga
California 91730
P 909-987-0909

CONSULTANT LEAF Engineers
LEAF
ENGINEERS
8163 Rochester Avenue, Suite 100
Rancho Cucamonga, CA 91730
909-987-0909
leafengineers.com

REVIEWED
FOR
CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

TRANSPORTATION CENTER

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761
City/Submital - Registration #B202301766

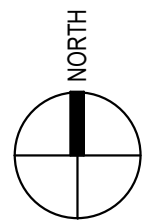
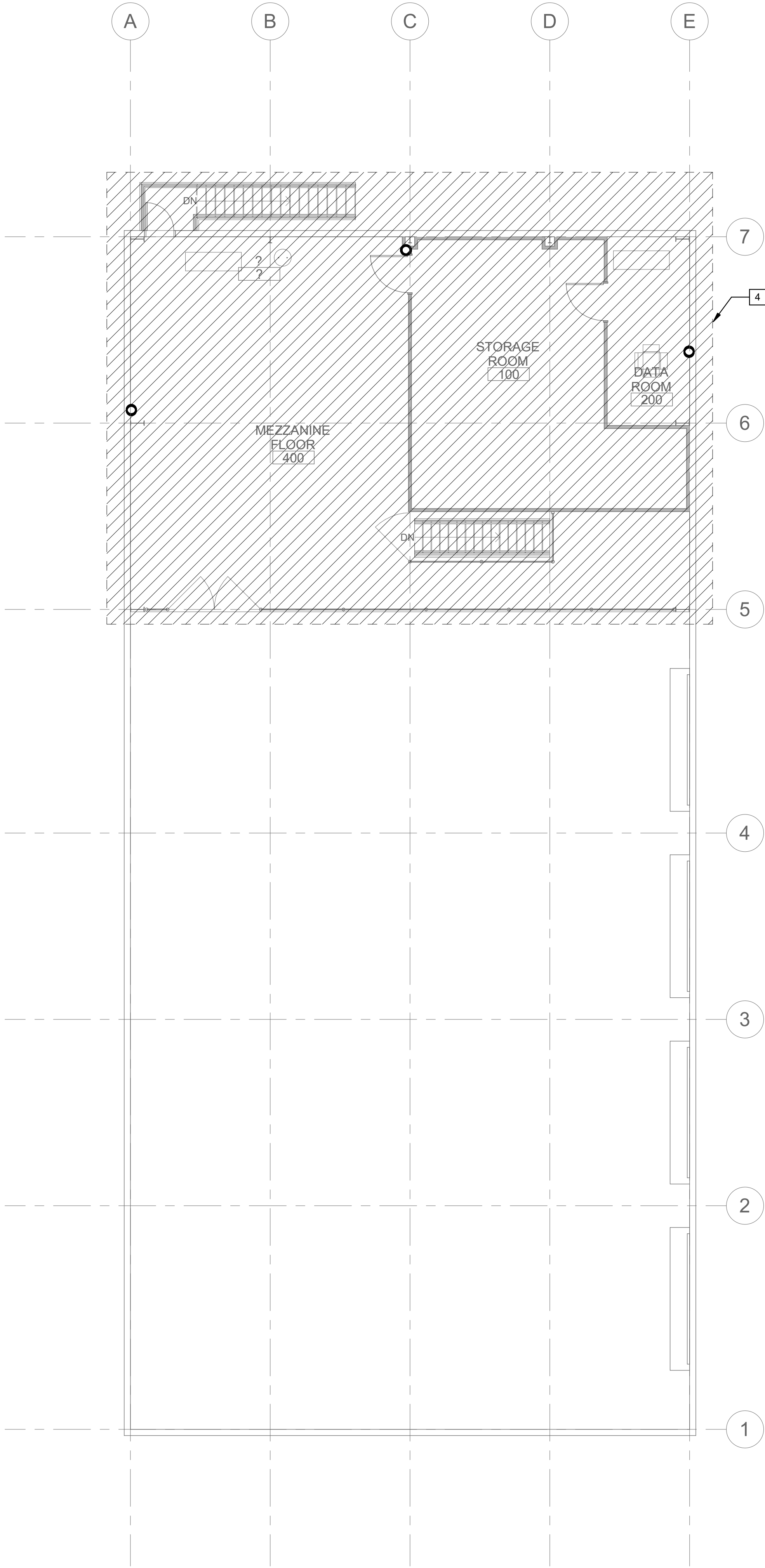


CLIENT		
ONTARIO - MONTCLAIR SCHOOL DISTRICT		
DATE	PROJECT NUMBER	
3/3/23	220316	
REVISIONS		
No.	Description	Date
CitySubmital - Registration #B202301766		

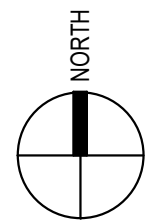
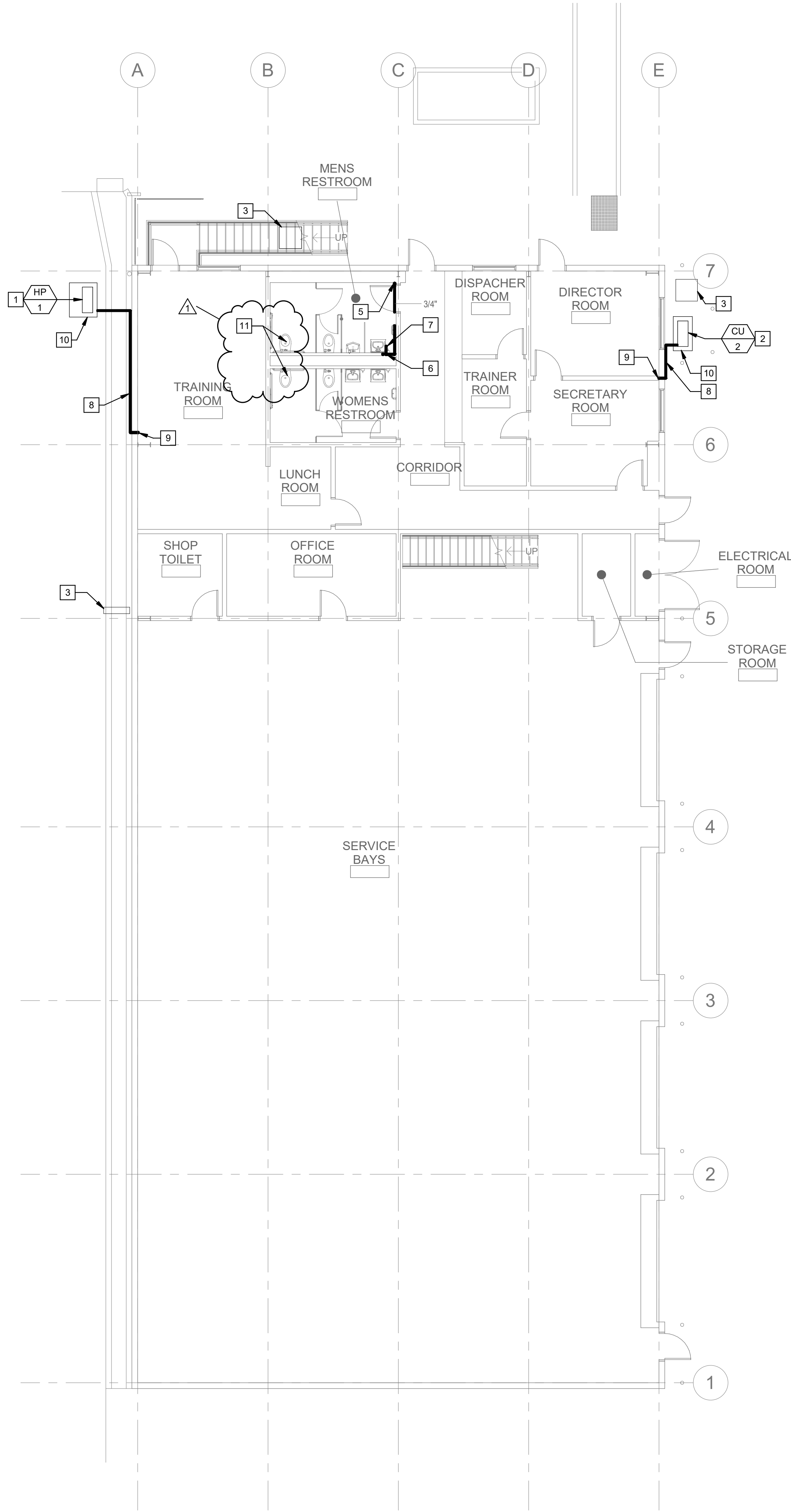
MECHANICAL SITE PLAN



2 SECOND FLOOR
1/8" = 1'-0"



1 FIRST FLOOR
1/8" = 1'-0"



GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS (EQUIPMENT, DUCT, SIZES, DAMPERS, PIPES, WIRING, ETC.) BEFORE COMMENCING ANY WORK.

KEY NOTES

- GROUND MOUNTED HEAT PUMP UNIT (SPLIT SYSTEM, OUTDOOR), SEE SCHEDULE SHEET M5.01 FOR INFORMATION.
- GROUND MOUNTED CONDENSING UNIT (SPLIT SYSTEM, OUTDOOR), SEE SCHEDULE SHEET M5.01 FOR INFORMATION.
- (E) CONDENSING UNIT TO REMAIN WITH ALL ASSOCIATED HOUSEKEEPING PAD, WIRING, ACCESSORIES, ETC.
- REFER TO ENLARGED SECOND FLOOR PLAN SHEET M3.01.
- 3/4" Ø CD PIPE FROM ABOVE.
- 3/4" Ø CD PIPE FROM DN, INSIDE WALL.
- CONNECT 3/4" Ø CD PIPE (E) LAV TAILPIECE.
- REFRIGERANT PIPING, SIZES PER MANUFACTURER'S RECOMMENDATIONS.
- REFRIGERANT PIPING UP TO SECOND FLOOR.
- REMOVE CONCRETE HOUSEKEEPING PAD.
- MODIFY ROUGH-IN, EXTEND AND CONNECT TO EXISTING PIPING IN WALL WITH NEW CARRIER, PATCH TO MATCH FINISH.

B202301766

ONTARIO
City of Ontario | Building Department
APPROVED & REVIEWED
FOR CODE COMPLIANCE
The issuance of a permit and approval of these plans shall not be construed to permit or approve any violation of the applicable codes or ordinances.
Date: 07/16/2024 1:34:38 PM



ARCHITECT PRK Architects, Inc.
PRK.com
RANCHO CUCAMONGA
8163 Rochester Avenue, Suite 100
Rancho Cucamonga
California 91730
P 909-987-0909

CONSULTANT LEAF Engineers

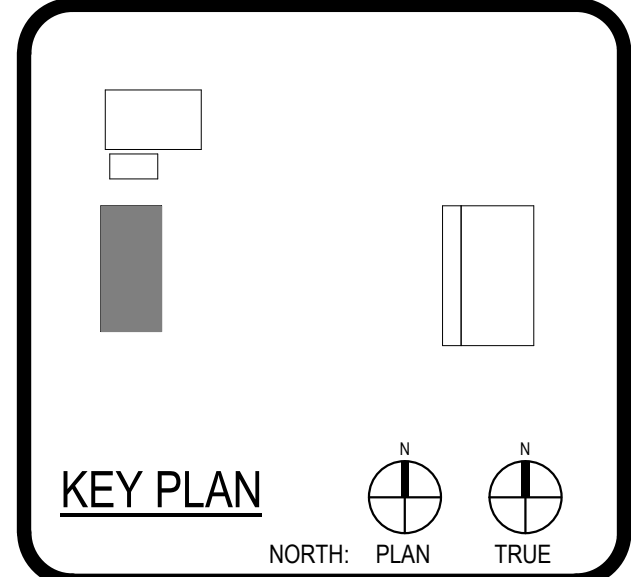


8163 Rochester Avenue, Suite 100
Rancho Cucamonga, CA 91730
909.987.0909
leafengineers.com

REVIEWED
FOR
CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

TRANSPORTATION CENTER

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761
City/Submital - Registration #B202301766

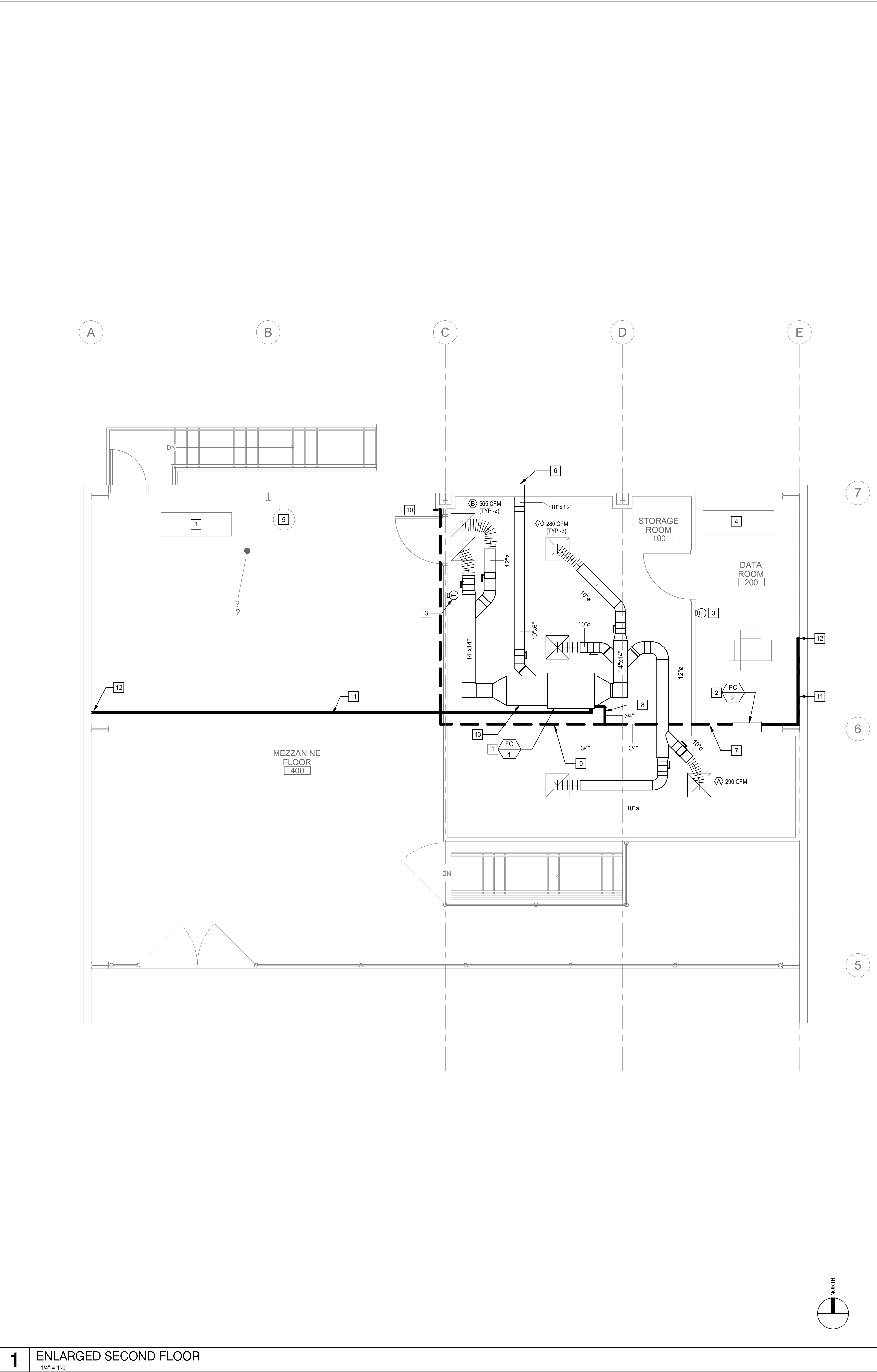


CLIENT		
ONTARIO - MONTCLAIR SCHOOL DISTRICT		
DATE		PROJECT NUMBER
3/3/23		220316
REVISIONS		
No.	Description	Date
1	CITY BACK CHECK	10/23/23

CitySubmital - Rgistration #B202301766

MECHANICAL FLOOR
PLANS

M2.01



1 ENLARGED SECOND FLOOR
1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS (EQUIPMENT, DUCT, SIZES, DAMPERS, PIPES, WIRING, ETC.) BEFORE COMMENCING ANY WORK.

KEY NOTES

- 1 DUCTED SUSPENDED FAN COIL UNIT (SPLIT SYSTEM, INDOOR), SEE SCHEDULE SHEET M5.01 FOR INFORMATION.
- 2 DUCTLESS WALL MOUNTED FAN COIL UNIT (SPLIT SYSTEM, INDOOR), SEE SCHEDULE SHEET M5.01 FOR INFORMATION.
- 3 THERMOSTAT..
- 4 (E) HVAC UNIT TO REMAIN WITH ALL ASSOCIATED DUCT, DAMPERS, WIRINGS, ACCESSORIES, ETC.
- 5 (E) WATER HEATER TO REMAIN WITH ALL ASSOCIATED ACCESSORIES, ETC..
- 6 1.0 SQUARE FEET, 50% FREE AREA, OSA WALL LOUVER.
- 7 3/4"Ø CD PIPE FROM FC-1 (3/4 TON).
- 8 3/4"Ø CD PIPE FROM FC-1 (3 TON).
- 9 COMBINED 3/4"Ø CD PIPE (3-3/4 TON).
- 10 3/4"Ø CD PIPE DN. TO FIRST FLOOR.
- 11 REFRIGERANT PIPING, SIZES PER MANUFACTURER'S RECOMMENDATIONS.
- 12 REFRIGERANT PIPING DN. TO FIRST FLOOR.
- 13 MIXING BOX, SAME SIZE AS RETURN AIR UNIT'S OPENING.



ARCHITECT
PBK Architects, Inc.
8163 Rochester Avenue, Suite 100
Rancho Cucamonga, CA 91730
909.987.0909
pbk.com

CONSULTANT
LEAF ENGINEERS
8163 Rochester Avenue, Suite 100
Rancho Cucamonga, CA 91730
909.987.0909
leafengineers.com

REVIEWED FOR CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

TRANSPORTATION CENTER

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761
City/Submital - Registration #B202301766

KEY PLAN
NORTH: PLAN TRUE

Consultant

Architect

CLIENT
ONTARIO - MONTCLAIR SCHOOL DISTRICT

DATE 3/3/23 PROJECT NUMBER 220316

REVISIONS		
No.	Description	Date

City/Submital - Registration #B202301766

MECHANICAL ENLARGED PLANS

0"
1"

SPLIT SYSTEM INDOOR FAN COIL UNIT SCHEDULE																
UNIT	MANUFACTURER AND MODEL NO.	SERVICE/ LOCATION	TYPE	CAPACITY (MBH)		OSA TEMP. (°F)		EAT (°F)	LAT (°F)	SUPPLY FAN		ELECTRICAL			OPER. WT. (LBS.)	REMARKS
				TOTAL COOLING	HEATING	SUMMER (DBWB)	WINTER (DB)			(DBWB)	CFM (HML)	E.S.P. (IN.)	VOLTAGE	UNIT FLA		
<div>FC 1</div>	CARRIER/TOSHIBA RAV-SM362BT-UL	STORAGE ROOM 100	SUSPENDED DUCTED	36.0	40.0	101.0/69.0	33.0	77.8/66.2	56.6	1,130 920 790	0.6	SEE OUTDOOR HP UNIT			95.0	

- NOTES:
- PROVIDE WITH CONDENSATE DRAIN PAN (PRIMARY AND SECONDARY) FOR FAN COIL UNIT AND ASSOCIATED PIPING.
 - PROVIDE WITH FACTORY FURNISHED & INSTALLED CONDENSATE DRAIN LIFT PUMP (CONDENSATE PUMP SHALL BE POWERED THRU INDOOR FAN COIL UNIT).
 - SIZE REFRIGERANT LINES PER MANUFACTURERS RECOMMENDATIONS.
 - PROVIDE 1-24 COMPLIANT PROGRAMMABLE THERMOSTAT AND CONNECT TO EXISTING EMS.
 - SUSPENDED/DUCTED FAN COIL UNIT.
 - PROVIDE DISCONNECT SWITCH.
 - PROVIDE WITH HIGH STATIC MOTOR.
 - PROVIDE WITH MERV 13 FILTER.
 - INDOOR UNIT SHALL BE POWERED BY OUTDOOR UNIT.

SPLIT SYSTEM OUTDOOR UNIT SCHEDULE																
UNIT	MANUFACTURER AND MODEL NO.	TYPE	COOLING CAP. (MBH)		COP/ HSPF	AMB. TEMP. (°F)		E.E.R. S.E.E.R.	ELECTRICAL					OPER WT. (LBS)	REMARKS	
			COOLING (TOTAL/SENSIBLE)	HEATING		SUMMER (DB/WB)	WINTER (DB)		COMPRESSOR QTY.	OUTDOOR FAN QTY./FLA	MCA	MOCP	VOLTAGE			
<div>HP 1</div>	CARRIER/TOSHIBA RAV-SP362AT2P-UL	MOUNTED ON GRADE	36.0	40.0	3.5/ 9.9	101.0/69.0	33.0	11.0 17.6	1	-	1/-	30.0	40	208V / 1Ø / 60HZ	220.0	

- NOTES:
- PROVIDE CRANKCASE HEATER, HIGH & LOW PRESSURE SWITCHES.
 - PROVIDE LOW AMBIENT KIT.
 - PROVIDE 3/4" EXPAND METAL CONDENSING COIL GUARD.
 - PROVIDE MINIMUM CLEARANCE AROUND EACH UNIT PER THE MANUFACTURER'S RECOMMENDATIONS.
 - SIZE REFRIGERANT (R410A) LINES PER MANUFACTURERS RECOMMENDATIONS. PROVIDE LONG LINE KIT IF REQUIRED.
 - PROVIDE HAIL GUARD.
 - PROVIDE WITH 6" CONCRETE HOUSEKEEPING PAD.

SPLIT SYSTEM INDOOR FAN COIL UNIT (COOLING ONLY) SCHEDULE													
UNIT	MANUFACTURER AND MODEL NO.	SERVICE/ LOCATION	COOLING CAPACITY (MBH)	OSA TEMP. (°F) (DBWB)	EAT (°F)	LAT (°F)	SUPPLY FAN		ELECTRICAL			OPER. WT. (LBS.)	REMARKS
					(DBWB)		CFM (H, M, L)	E.S.P. (IN.)	VOLTAGE	UNIT MCA	MOCB		
<div>FC 2</div>	CARRIER/TOSHIBA RAV-SM242KR1P-UL	DATA ROOM 200	24.0	101.0/69.0	80.0/67.0	57.4	706 530 353	0.25	SEE OUTDOOR CU UNIT			35.0	

- NOTES:
- PROVIDE WITH CONDENSATE DRAIN PAN (PRIMARY AND SECONDARY) FOR FAN COIL UNIT AND ASSOCIATED PIPING.
 - PROVIDE WITH FACTORY FURNISHED & INSTALLED CONDENSATE DRAIN LIFT PUMP (CONDENSATE PUMP SHALL BE POWERED THRU INDOOR FAN COIL UNIT).
 - SIZE REFRIGERANT LINES PER MANUFACTURERS RECOMMENDATIONS.
 - CONNECT TO EXISTING EMS FOR CONTROLS.
 - WALL MOUNTED FAN COIL UNIT.
 - PROVIDE WITH HIGH STATIC MOTOR.
 - PROVIDE WITH TITLE 24 COMPLIANT THERMOSTAT.
 - INDOOR UNIT SHALL BE POWERED BY OUTDOOR UNIT.

SPLIT SYSTEM OUTDOOR CONDENSING UNIT (COOLING ONLY) SCHEDULE													
UNIT	MANUFACTURER AND MODEL NO.	COOLING CAPACITY (MBH)	AMB. TEMP.(°F) (DBWB)	E.E.R. S.E.E.R.	ELECTRICAL						OPER WT. (LBS)	REMARKS	
					COMPRESSOR		OUTDOOR FAN		MCA	MOCP			VOLTAGE
					QTY.	RLA	QTY.	FLA					
<div>CU 2</div>	CARRIER/TOSHIBA RAV-SP242AT2P-UL	24.0	101.0/69.0	11.8 22.7	1	-	1	-	17.0	25	208V / 1Ø / 60HZ	145.0	

- NOTES:
- PROVIDE CRANKCASE HEATER, HIGH & LOW PRESSURE SWITCHES.
 - PROVIDE LOW AMBIENT KIT.
 - PROVIDE 3/4" EXPAND METAL CONDENSING COIL GUARD.
 - PROVIDE MINIMUM CLEARANCE AROUND EACH UNIT PER THE MANUFACTURER'S RECOMMENDATIONS.
 - SIZE REFRIGERANT (R410A) LINES PER MANUFACTURERS RECOMMENDATIONS. PROVIDE LONG LINE KIT IF REQUIRED.
 - PROVIDE HAIL GUARD.
 - PROVIDE WITH 6" CONCRETE HOUSEKEEPING PAD.
 - CONDENSING UNIT IS A FLOOR MOUNTED.
 - BLANK-OFF HEATING SECTION.

AIR DISTRIBUTION SCHEDULE			
SYMBOL	TYPE	MAKE & MODEL	DESCRIPTION
<div>Ⓐ</div>	CEILING SUPPLY	TITUS MODEL MCD	MODULAR CORE DIFFUSER WITH FRAME FOR LAY-IN T-BAR CEILING, FLUSH FACE MOUNTING.
<div>Ⓑ</div>	CEILING RETURN	TITUS MODEL PAR	PERFORATED FACE DIFFUSER WITH FRAME FOR LAY-IN T-BAR CEILING, FLUSH FACE MOUNTING.
<div>Ⓒ</div>	CEILING SUPPLY	TITUS MODEL MCD	MODULAR CORE DIFFUSER WITH RAPID MOUNT FRAME MODEL TRM FOR SURFACE MOUNTING.
<div>Ⓓ</div>	CEILING RETURN/EXHASUT	TITUS MODEL 50F	EGG GRATE GRILLE REGISTER WITH RAPID MOUNT FRAME TRM FOR SURFACE MOUNTING.
<div>Ⓔ</div>	SIDEWALL SUPPLY	TITUS MODEL 1700	DOUBLE DEFLECTION HORIZONTAL 5" DOWN FRONT GRILLE WITH 1/2" BLADE SPACING, FRAME FOR WALL MOUNTING.
<div>Ⓕ</div>	CEILING SUPPLY	TITUS MODEL ML-38-2B	ALUMINUM LINEAR SLOT DIFFUSER, 3/4" SLOT, 4-SLOT, PATTERN CONTROLLER, FLANGED BORDER FOR SURFACE MOUNTING, OPTIONAL PLENUM IN 2,3,4 OR 5 FOOT SECTIONS PER PLANS, COLOR PER ARCHITECT.

- NOTES:
- REFER TO THE FLOOR PLANS FOR NECK SIZE, CFM, AIR DIFFUSION PATTERN AND FIRE/DAMPER, IF REQUIRED.
 - PROVIDE AIR CONTROL GRID FOR ALL CEILING SUPPLY DIFFUSERS SET AT 90°.

B202301766



ARCHITECT

PRK Architects, Inc.
8163 Rochester Avenue, Suite 100
Rancho Cucamonga
California 91730
P 909-987-0909
prk.com

CONSULTANT

LEAF Engineers
8163 Rochester Avenue, Suite 100
Rancho Cucamonga, CA 91730
909-987-0909
leafengineers.com

TRANSPORTATION CENTER

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761
City/Submital - Registration #B202301766

ONTARIO - MONTCLAIR SCHOOL DISTRICT

DATE: 3/3/23
PROJECT NUMBER: 220316

KEY PLAN

NORTH: PLAN TRUE

Consultant

REGISTERED PROFESSIONAL ENGINEERING
No. 838155
Exp. 09-30-2024
DAVID B. JEW
STATE OF CALIFORNIA

Architect

LICENSED ARCHITECT
Yong Yoo
No. C-31162
Exp. 10-31-2025
STATE OF CALIFORNIA

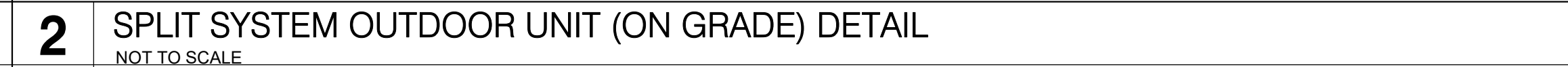
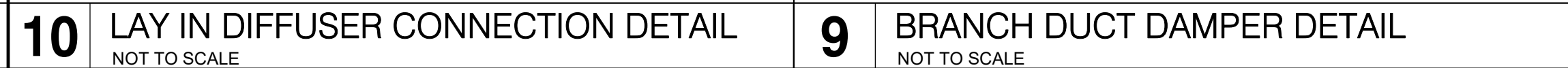
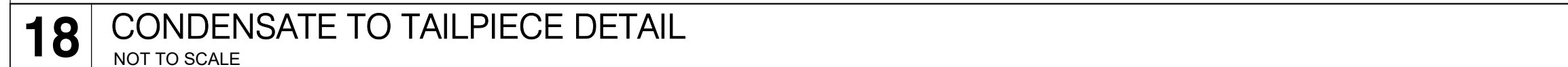
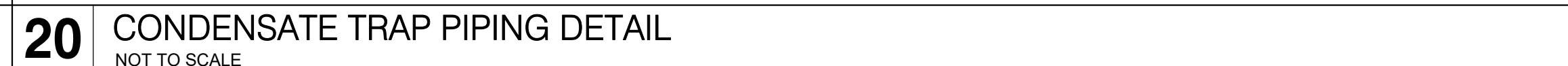
REVISIONS		
No.	Description	Date

Client

ONTARIO - MONTCLAIR SCHOOL DISTRICT

MECHANICAL SCHEDULES

M5.01



PRK


ARCHITECT

RANCHO CLUCAMONGA
 8163 Rochester Avenue, Suite 100
 Rancho Cucamonga
 California 91730
 P 909-887-0909

PRK Architects, Inc.
PRK-0441

CONSULTANT

LEAF Engineers



LEAF
ENGINEERS

8163 Rochester Avenue, Suite 100
 Rancho Cucamonga, CA 91730
 leafengineers.com

PRK-0441

TRANSPORTATION CENTER

REVIEWED

FOR


CODE COMPLIANCE

Dec 15, 2023




BPR CONSULTING GROUP

PROJECT ADDRESS:
 1442 South Bon View
 Ontario, CA 91761

City/Submital - Registration #B202301766



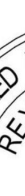
ONTARIO - MONTCLAIR
SCHOOL DISTRICT

KEY PLAN


NORTH
PLAN
TRUE

Consultant



REX DAVID WANG
No M36155
 Exp 09-30-2024
MECHANICAL ENGINEER
 STATE OF CALIFORNIA

Architect



Tong Yoo
No. C-31162
 Exp 10-31-2015
LICENSED ARCHITECT
 STATE OF CALIFORNIA

CLIENT

ONTARIO - MONTCLAIR SCHOOL DISTRICT

DATE
02/15/2023

PROJECT NUMBER
220316

REVISIONS	No.	Description	Date
1	City Back Check		12/06/23
2	City Back Check		12/06/23

CitySubmital - Registration #B202301766

MECHANICAL DETAILS