

# 4J WILLARD SWING SCHOOL

## 4J SCHOOL DISTRICT

2840 LINCOLN STREET  
EUGENE, OR 97405



### DEMOLITION SET

09.26.2019

#### PROJECT TEAM

##### OWNER

EUGENE SCHOOL DISTRICT 4J  
715 WEST 4<sup>TH</sup> AVE  
EUGENE, OR, 97402  
PHONE: (541) 790 7417  
CONTACT: GLEN MACDONALD

##### ARCHITECT

PIVOT ARCHITECTURE PC  
44 WEST BROADWAY, SUITE 300  
EUGENE, OR 97401  
PHONE: (541) 342-7291 FAX: (541) 342-1535  
CONTACT: JOHN STAPLETON, AIA

##### STRUCTURAL ENGINEER

HOBBACH-LEWIN, INC  
236 EAST 5<sup>TH</sup> AVE, SUITE 302  
EUGENE, OR 97401  
PHONE: (541)-349-1701  
CONTACT: VIKKI BOURCIER, S.E.

##### CIVIL ENGINEER

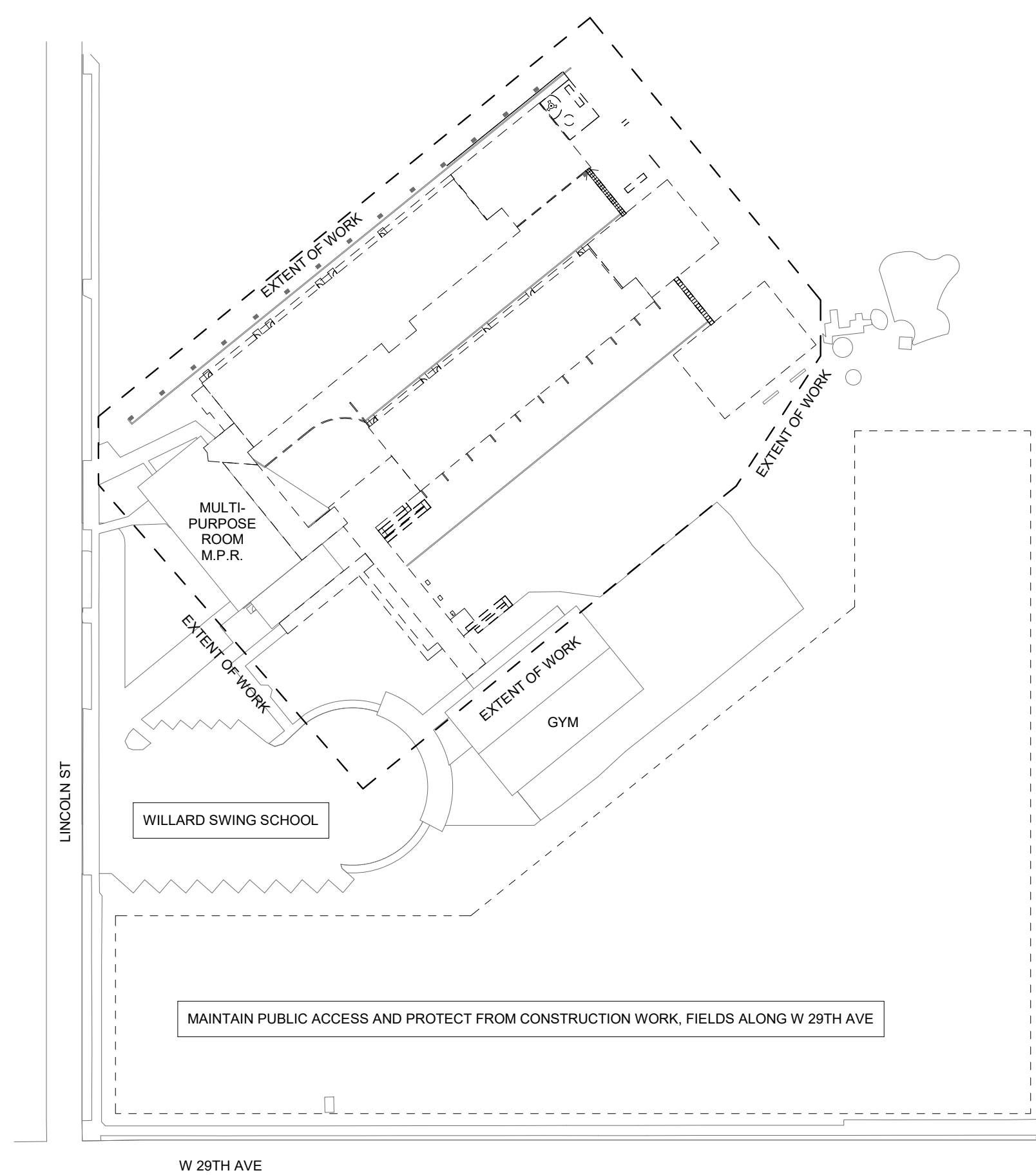
KPFF EUGENE CIVIL + SURVEY  
800 WILLAMETTE STREET SUITE 400  
EUGENE, OR 97401  
PHONE: (541) 684 4802  
CONTACT: ANNA BACKUS, PE

##### MECHANICAL/PLUMBING ENGINEER

SYSTEM WEST ENGINEERS  
725 A STREET  
SPRINGFIELD, OR 97477  
PHONE: (541) 342 7210  
CONTACT: STEVEN J. SAVICH, CPD, LEED AP

##### ELECTRICAL ENGINEER

SYSTEM WEST ENGINEERS  
725 A STREET  
SPRINGFIELD, OR 97477  
PHONE: (541) 342 7210  
CONTACT: JOSE GUERRERO



**1** Site  
1" = 80'-0"

DEMOLITION SET  
4J WILLARD SWING SCHOOL  
4J SCHOOL DISTRICT  
2840 LINCOLN STREET  
EUGENE, OR 97405

SHEET TITLE:  
**TITLE SHEET**

REVISIONS:  
#    DESCRP.    DATE

ISSUE DATE: 09.26.2019

**TITLE**

# PROJECT GENERAL NOTES

SPACE FOR COLUMN OF INDEX OF GENERAL LEGAL COMMENTS

(SPACE FOR COLUMN 1)

(SPACE FOR COLUMN 2)

# ABBREVIATIONS

@	AT
AB	ANCHOR BOLT
AC	ASPHALTIC CONCRETE
ACOUS	ACOUSTIC
ACT	ACOUSTICAL TILE CEILING SYSTEM
AFF	ABOVE FINISH FLOOR
ALUM	ALUMINUM
BLDG	BUILDING
BO	BOTTOM OF
CB	CATCH BASIN
CFCI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
OPT	CARPET
DBL	DOUBLE
DEMO	DEMOLITION/DEMOLISH
DF	DOUGLAS FIR, DRINKING FOUNTAIN
DIAG	DIAGONAL
DIA	DIAMETER
DISP	DISPENSER
DN	DOWN
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
(E)	EXISTING
EA	EACH
EJ	EXPANSION JOINT
EL, ELEV	ELEVATION
ELEC	ELECTRICAL
EQ	EQUAL
EW	EACH WAY
EXT	EXTERIOR
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FPE	FINISH FLOOR ELEVATION
FF	FINISH FLOOR
FIN	FINISH/FINISHED
FLR	FLOOR
FO	FACE OF
FOF	FACE OF FINISH
FRP	FIBER REINFORCED PANEL
FTG	FOOTING
GA	GAUGE
GB	GRAB BAR
GLB	GLUE LAM BEAM
GYP BD	GYP SUM BOARD
GYP	GYP SUM BOARD
HGT	HEIGHT
HORIZ	HORIZONTAL
HR	HANDRAIL
HM	HOLLOW METAL
INSUL	INSULATION
INT	INTERIOR
JT	JOINT
KD	KNOCK DOWN
LAV	LAVATORY
LOC	LOCATION
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTL	METAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIMENSION
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OFS	OUTSIDE FACE OF STUD
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
PJ	PANEL JOINT
P.LAM	PLASTIC LAMINATE
PS	PAINT SYSTEM
PT	PRESSURE TREATED
PTD	PAINTED
PLY	PLYWOOD
R	RADIUS
RB	RUBBER BASE
RD	ROOF DRAIN
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RUB	RUBBER
RVL	REVEAL
SD	STORM DRAIN
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SPECS	SPECIFICATIONS
SQFT, SF	SQUARE FOOT
S STL	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUC	STRUCTURAL
T	TEMPERED
T&B	TOP & BOTTOM
T&G	TONGUE AND GROOVE
TEMP	TEMPORARY
TO	TOP OF
TOC	TOP OF CONCRETE
TOW	TOP OF WALL
TOS	TOP OF STRUCTURE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VFY	VERIFY
VIF	VERIFY IN FIELD
WA	WALL ASSEMBLY
W	WITH
WD	WOOD
WP	WATER PROOF

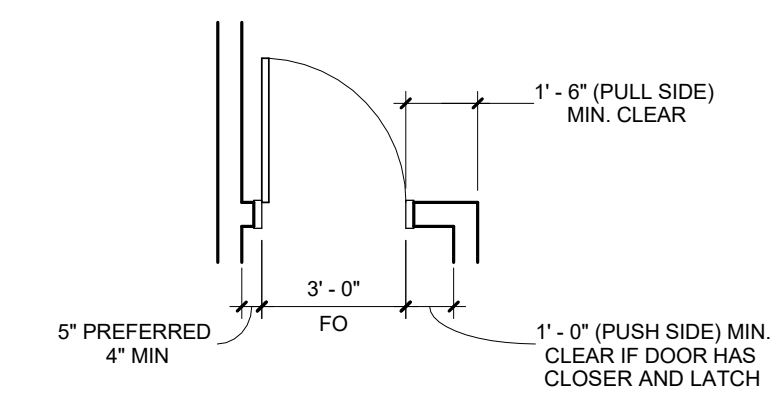
# ARCHITECTURAL SYMBOLS

	3	BUILDING ELEVATION
		INTERIOR ELEVATION
		BUILDING SECTION
		WALL SECTION
	TYP	DETAIL SECTION
	TYP	DETAIL CALLOUT
		SPECIFICATION KEYNOTE* *LETTER IS A DESIGNATOR AND IS NOT LINKED TO A SPECIFIC SPEC ITEM
		KEYNOTE
		FINISH TAG
		CASEWORK
		REVISION TAG
		COLUMN CENTERLINE
		EXISTING COLUMN CENTERLINE
		ACCESS CONTROL
		FLOOR MATERIAL TRANSITION
	ROOM NAME	ROOM NAME & NUMBER
		WINDOW SYMBOL
		STOREFRONT SYMBOL
		DOOR SYMBOL
		CEILING HEIGHT SYMBOL
		VERTICAL ELEVATION
		INTERIOR WALL TYPE WITH NO SOUND ATTENUATION
		INTERIOR WALL TYPE WITH SOUND ATTENUATION
		ROOM FINISH TAG
		FIRE EXTINGUISHER
		EXIT SIGN
		DOOR ACTUATOR
		TEMPERED GLAZING
	SLOPE 4:12	SLOPE ARROW (SLOPE AS INDICATED)

### WALL FILL PATTERNS:

	EXISTING WALL ASSEMBLY
	NON FIRE-RATED WALL ASSEMBLY
	NON FIRE-RATED WALL ASSEMBLY
	1-HOUR FIRE-RATED WALL
	2-HOUR FIRE-RATED WALL

### GENERAL NOTES - DIM. PLANS



A. DOORS SHOWN ADJACENT TO A FLANKING WALL OR OTHER FIXED OBSTRUCTION, SHALL BE LOCATED AS SHOWN ABOVE.  
B. OTHER LOCATIONS SHALL BE ON CENTERLINE OF ROOM OR AS SPECIFICALLY DIMENSIONED.

# SHEET INDEX

GENERAL	TITLE G001	TITLE SHEET GENERAL INFORMATION
CIVIL	DM100 DM200 DM300	CIVIL DEMOLITION NOTES UTILITY DEMOLITION PLAN SITE RESTORATION PLAN
DEMOLITION	D001 D002 D003 D004	DEMOLITION SLAB AND SIDEWALK PLAN DEMOLITION BUILDING PLAN DEMOLITION ROOF PLAN DETAILS
MECHANICAL	M001 M099 M100 M101	LEGEND, GENERAL NOTES & SHEET INDEX DEMOLITION SITE PLAN - BELOW GRADE DEMOLITION SITE PLAN - 1ST FLOOR DEMOLITION SITE PLAN - ROOF LEVEL
PLUMBING	P001 P099 P100	LEGEND, GENERAL NOTES & SHEET INDEX DEMOLITION SITE PLAN - BELOW GRADE DEMOLITION SITE PLAN - 1ST FLOOR
ELECTRICAL	E101	DEMOLITION SITE PLAN

**GENERAL NOTES**

1. SURVEY PROVIDED BY BAKER AND ASSOCIATES, DATED JUNE 14, 2019. ELEVATIONS ARE BASED ON CITY OF EUGENE VERTICAL DATUM ESTABLISHED PER BENCH MARK NO. SE0499, A BRASS CAP LOCATED AT THE NW CORNER OF WEST 29TH AVENUE AND LINCOLN AVENUE WITH AN ELEVATION OF 464.67' (NAVD88).
2. CONSTRUCTION LAYOUT (ALL ACTUAL LINES AND GRADES) SHALL BE STAKED BY A PROFESSIONAL SURVEYOR, REGISTERED IN THE STATE OF OREGON, BASED ON COORDINATES, DIMENSIONS, BEARINGS, AND ELEVATIONS, AS SHOWN, ON THE PLANS.
3. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE HORIZONTAL POSITION PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
4. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE VERTICAL POSITION BASED ON THE BENCHMARK STATED HEREON, PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
5. WHEN DIMENSIONS AND COORDINATE LOCATIONS ARE REPRESENTED - DIMENSIONS SHALL HOLD OVER COORDINATE LOCATION. NOTIFY THE CIVIL ENGINEER OF RECORD IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES.
6. BUILDING SETBACK DIMENSIONS FROM PROPERTY LINES SHALL HOLD OVER ALL OTHER CALLOUTS. PROPERTY LINES AND ASSOCIATED BUILDING SETBACKS SHALL BE VERIFIED PRIOR TO CONSTRUCTION LAYOUT.
7. CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING MONUMENTATION DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT OF ANY MONUMENTS DAMAGED OR REMOVED DURING CONSTRUCTION. NEW MONUMENTS SHALL BE REESTABLISHED BY A LICENSED SURVEYOR.
8. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS, THE PROJECT SPECIFICATIONS AND THE APPLICABLE REQUIREMENTS OF THE 2018 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE 2017 OREGON PLUMBING SPECIALTY CODE AND REQUIREMENTS OF THE CITY OF EUGENE.
9. THE COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, ORDINANCES AND REGULATIONS. ALL PERMITS, LICENSES AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES FOR THE EXECUTION AND COMPLETION OF WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
10. ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987). EXCAVATORS MUST NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND UTILITIES IN THE PROJECT AREA AT LEAST 48 BUSINESS-DAY HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS PRIOR TO COMMENCING AN EXCAVATION, SO UTILITIES MAY BE ACCURATELY LOCATED.
11. THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY ELEVATIONS, PIPE SIZE, AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF KPFF CONSULTING ENGINEERS, 72 HOURS PRIOR TO START OF CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
12. THE ENGINEER OR OWNER IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR HIS CREW. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF THE WORK.
13. TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. THE CONTRACTOR SHALL ADHERE TO CITY OF EUGENE FOR MINIMUM EROSION CONTROL MEASURES. THE ESC FACILITIES SHOWN IN THESE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.
14. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ROADWAYS, KEEPING THEM CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING DUST CONTROL AS REQUIRED.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE OWNER.

**DEMOLITION NOTES**

1. THE CITY OF EUGENE DEMOLITION PERMIT REQUIRES THE FOLLOWING INFORMATION, TO BE PROVIDED BY THE CONTRACTOR:
  - ANTICIPATED TIME FRAME FOR THE DEMOLITION
  - DETAILS OF PEDESTRIAN PROTECTION, WHERE REQUIRED. REFER TO OREGON STRUCTURAL SPECIALTY CODE SECTION 3306.
  - DESCRIPTION OF HOW THE SITE WILL BE SECURED AGAINST ACCESSIBILITY BY CHILDREN AND OTHER UNAUTHORIZED PERSONS.
  - DESCRIPTION OF HOW WIND SPEED WILL BE MONITORED AT THE SITE DURING DEMOLITION. (NO DEMOLITION OR MOVING OF DEMOLITION DEBRIS MAY TAKE PLACE WHEN WIND SPEEDS EXCEED 25 M.P.H.)
  - DESCRIPTION OF HOW DEMOLITION OPERATIONS WILL BE CONDUCTED AND HOW DEBRIS, OBJECTS AND MATERIALS WILL BE WETTED DOWN OR OTHERWISE TREATED TO PREVENT DUST OR OTHER AIRBORNE DEBRIS.
  - DESCRIPTION OF THE MEANS AND METHODS FOR PROTECTION OF ANY ADJACENT OR NEIGHBORING STRUCTURES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND DISPOSAL OF EXISTING AC, CURBS, SIDEWALKS AND OTHER SITE ELEMENTS WITHIN THE SITE AREA IDENTIFIED IN THE PLANS.
3. EXCEPT FOR MATERIALS INDICATED TO BE STOCKPILED OR TO REMAIN ON OWNER'S PROPERTY, CLEARED MATERIALS SHALL BECOME CONTRACTOR'S PROPERTY, REMOVED FROM THE SITE, AND DISPOSED OF PROPERLY.
4. ITEMS INDICATED TO BE SALVAGED SHALL BE CAREFULLY REMOVED AND DELIVERED STORED AT THE PROJECT SITE AS DIRECTED BY THE OWNER.
5. ALL LANDSCAPING, PAVEMENT, CURBS AND SIDEWALKS, BEYOND THE IDENTIFIED SITE AREA, DAMAGED DURING THE CONSTRUCTION SHALL BE REPLACED TO THEIR ORIGINAL CONDITION OR BETTER.
6. CONCRETE SIDEWALKS SHOWN FOR DEMOLITION SHALL BE REMOVED TO THE NEAREST EXISTING CONSTRUCTION JOINT.
7. SAWCUT STRAIGHT MATCHLINES TO CREATE A BUTT JOINT BETWEEN THE EXISTING AND NEW PAVEMENT.
8. ADJUST ALL UTILITY STRUCTURES TO REMAIN WITHIN THE DEMOLITION AREA TO FINISHED GRADE.
9. BEFORE BACKFILLING ANY ENCOUNTERED UTILITIES DURING DEMOLITION, SURVEY LOCATION TO INCLUDE WITH REDLINES OR AS-BUILTS.

SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED

File: D:\c:\p\2019\1900260-4\JD-Willard-Swing-School-Site\CAD\PLDT\DEMO\900260-02DM.dwg TAB:DM100  
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**NOTICE TO EXCAVATORS:**  
 ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER.  
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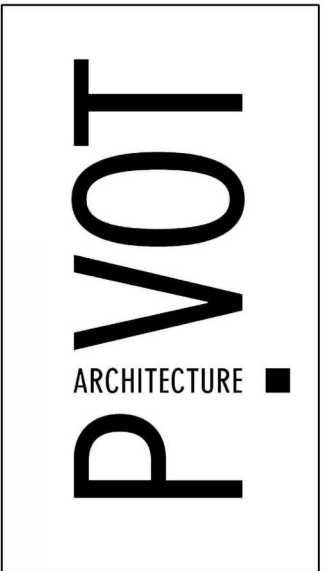
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POTENTIAL UNDERGROUND FACILITY OWNERS

**Dig Safely.**  
 Call the Oregon One-Call Center  
 1-800-332-2344

**SHEET INDEX**

SHEET TITLE	SHEET NAME
DM100	CIVIL DEMOLITION NOTES
DM200	UTILITY DEMOLITION PLAN
DM300	SITE RESTORATION PLAN



800 Willamette Street, Suite 400  
 Eugene, OR 97401  
 O: 541.684.4902  
 F: 541.684.4909  
[www.kpff.com](http://www.kpff.com)

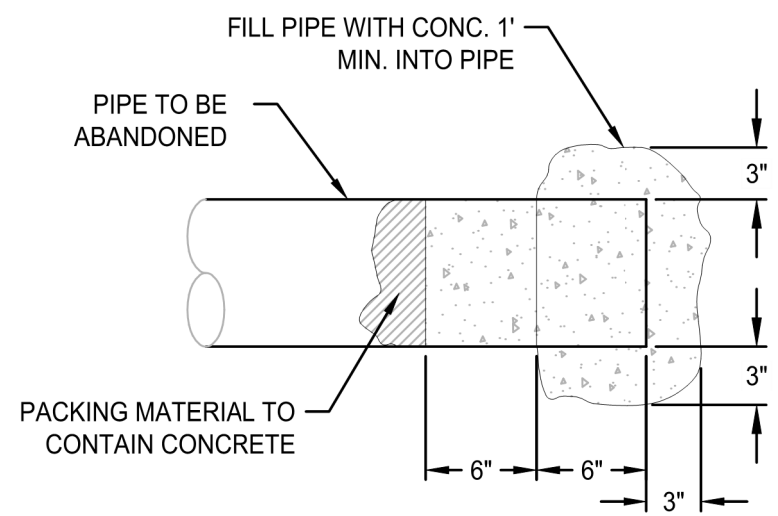
**DEMOLITION SET**  
**4J WILLARD SWING SCHOOL**  
 4J SCHOOL DISTRICT  
 2840 LINCOLN ST

SHEET TITLE:  
**CIVIL DEMOLITION NOTES**

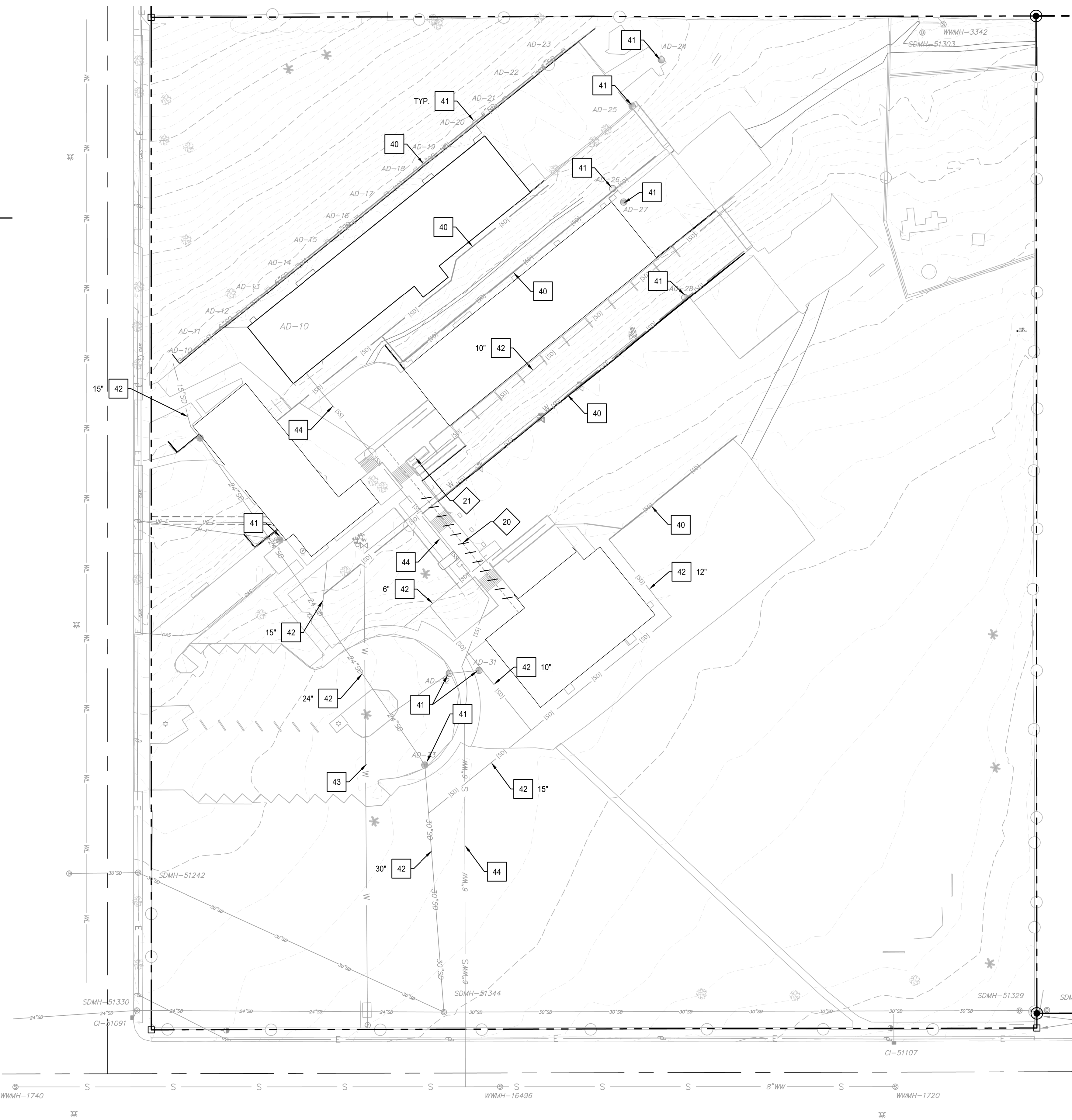
REVISIONS:  
 #    DESCRP.    DATE

ISSUE DATE:    09.26.2019

**DM100**



**1 PLUG**  
SCALE: NTS



**SHEET NOTES**

- CONTRACTOR MAY STAGE WITHIN LIMITS OF DEMOLITION.
- REMOVE ALL SITE COMPONENTS AND RECYCLE COMPONENTS AS REQUIRED IN THE SPECIFICATIONS.
- GENERAL DEMOLITION PERMIT SHALL BE SECURED BY THE CONTRACTOR.
- ALL TRADE LICENSES AND PERMITS NECESSARY FOR THE PROCUREMENT AND COMPLETION OF THE WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING DEMOLITION.
- THE CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING RIGHT-OF-WAY SURVEY MONUMENTATION DURING DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT BY A LICENSED SURVEYOR OF ANY DAMAGED OR REMOVED MONUMENTS.
- PROTECT ALL ITEMS ON ADJACENT PROPERTIES AND IN THE RIGHT OF WAY INCLUDING BUT NOT LIMITED TO SIGNAL EQUIPMENT, PARKING METERS, SIDEWALKS, STREET TREES, STREET LIGHTS, CURBS, PAVEMENT AND SIGNS. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY DAMAGED ITEMS TO ORIGINAL CONDITION.
- PROTECT STRUCTURES, UTILITIES, SIDEWALKS, AND OTHER FACILITIES IMMEDIATELY ADJACENT TO EXCAVATIONS FROM DAMAGES CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS.
- SAWCUT STRAIGHT LINES IN SIDEWALK, AS NECESSARY.
- CONTRACTOR IS RESPONSIBLE TO CONTROL DUST AND MUD DURING THE DEMOLITION PERIOD, AND DURING TRANSPORTATION OF DEMOLITION DEBRIS. ALL STREET SURFACES OUTSIDE THE CONSTRUCTION ZONE MUST BE KEPT CLEAN.
- ALL EXPOSED PORTIONS OF UNDERGROUND UTILITIES TO BE ABANDONED SHALL BE PLUGGED PER DETAIL 1/DM200.
- SEE ARCHITECTURAL PLANS FOR BUILDING AND PAVEMENT DEMOLITION.
- ASBESTOS ABATEMENT WORK TO BE PERFORMED BY OWNER PRIOR TO UTILITY AND SITE DEMOLITION.
- CONTRACTOR TO VERIFY UTILITIES THAT WERE NOT SURVEYED PRIOR TO COMMENCING DEMOLITION.

**X DEMOLITION KEY NOTES**

- 20 REMOVE HYDRONIC PIPING. CAP HYDRONIC PIPING AT END OF PIPE REMOVAL.
- 21 REMOVE STEAM VAULT. BACKFILL WITH 1 1/2'-0" AGGREGATE. SEE PLUMBING DEMOLITION PLANS FOR STEAM PIPE REMOVAL.

**X PROTECTION KEY NOTES**

- 40 PROTECT FRENCH DRAIN / TILE DRAIN SYSTEM.
- 41 PROTECT AREA DRAIN.
- 42 PROTECT STORM DRAIN, SIZE AS NOTED.
- 43 PROTECT WATER.
- 44 PROTECT SANITARY SEWER.

**SHEET LEGEND**

- PROPERTY LINE
- REMOVE UTILITY LINE
- EXISTING GRADE CONTOUR
- EXISTING STORM DRAIN NOT SURVEYED. LOCATION SHOWN IS APPROXIMATE.
- EXISTING FRENCH DRAIN NOT SURVEYED. LOCATION SHOWN IS APPROXIMATE.
- EXISTING SANITARY PIPE NOT SURVEYED. LOCATION SHOWN IS APPROXIMATE.
- EXISTING WATER PIPING NOT SURVEYED. LOCATION SHOWN IS APPROXIMATE.
- EXISTING HYDRONIC PIPING NOT SURVEYED. LOCATION SHOWN IS APPROXIMATE.



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DEMOLITION SET  
4J WILLARD SWING SCHOOL  
4J SCHOOL DISTRICT  
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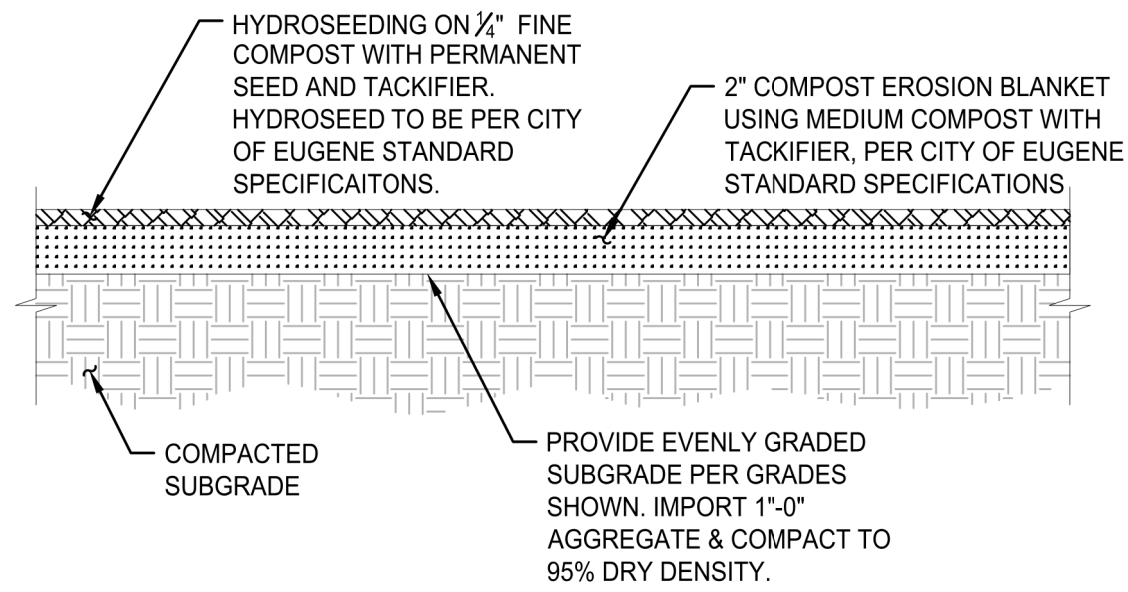
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**UTILITY DEMOLITION PLAN**

REVISIONS:  
# DESCRP. DATE

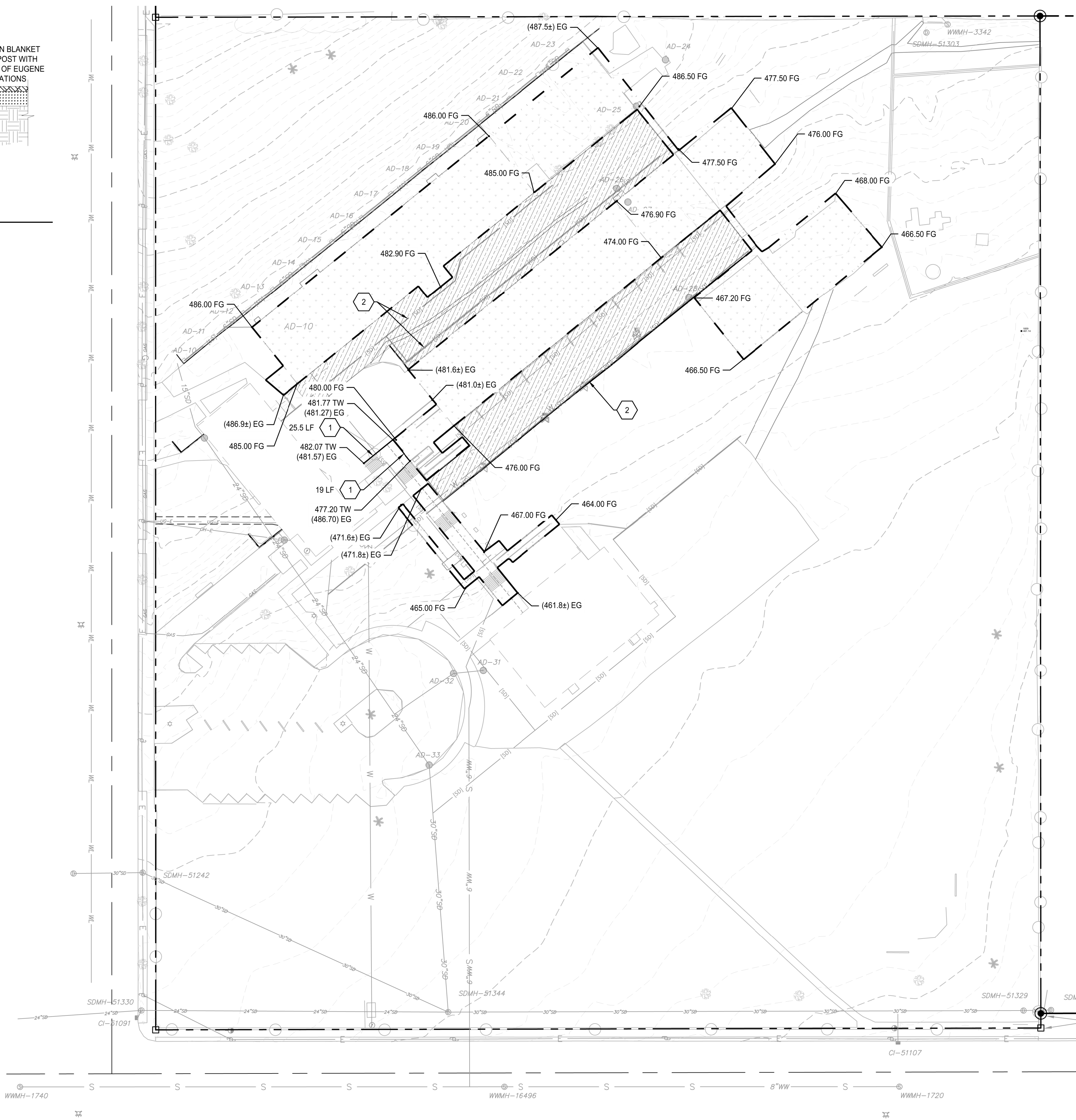
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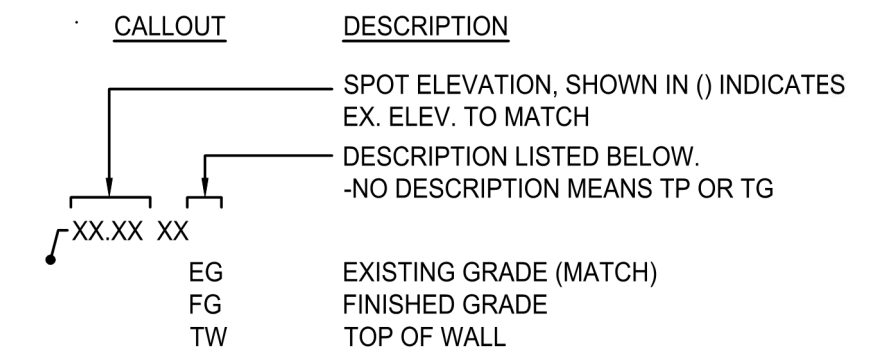
**1 SOIL STABILIZATION & RESTORATION**  
SCALE: NTS



**SHEET NOTES**

1. SEE DEMOLITION PLANS FOR EXACT LIMITS OF WORK.
2. MATCH EXISTING GRADES AT PAVEMENT TO REMAIN.
3. SLOPE TO MATCH EXISTING AT 5:1 MAXIMUM SLOPE IN LANDSCAPE AREAS.
4. RESTORE ANY DISTURBED AREAS PER DETAIL 1/DM300.

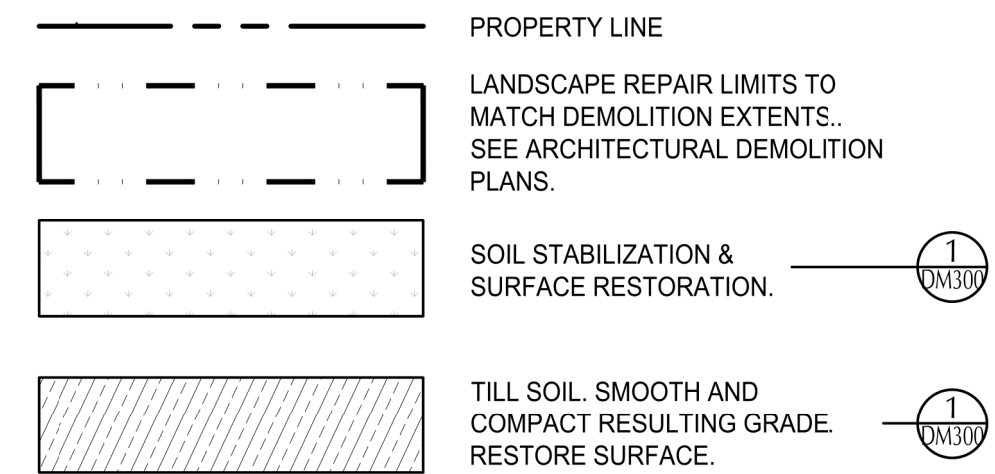
**CALLOUT LEGEND**



**X KEY NOTES**

NOTE	DESCRIPTION	DETAIL
1	INSTALL RETAINING WALL AT EDGE OF PAVEMENT TO REMAIN. SEE ARCHITECTURAL PLANS FOR GUARDRAIL.	
2	PROTECT EXISTING FRENCH DRAIN AND PERFORATED PIPES TO REMAIN.	

**SHEET LEGEND**



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**4J WILLARD SWING SCHOOL**  
4J SCHOOL DISTRICT  
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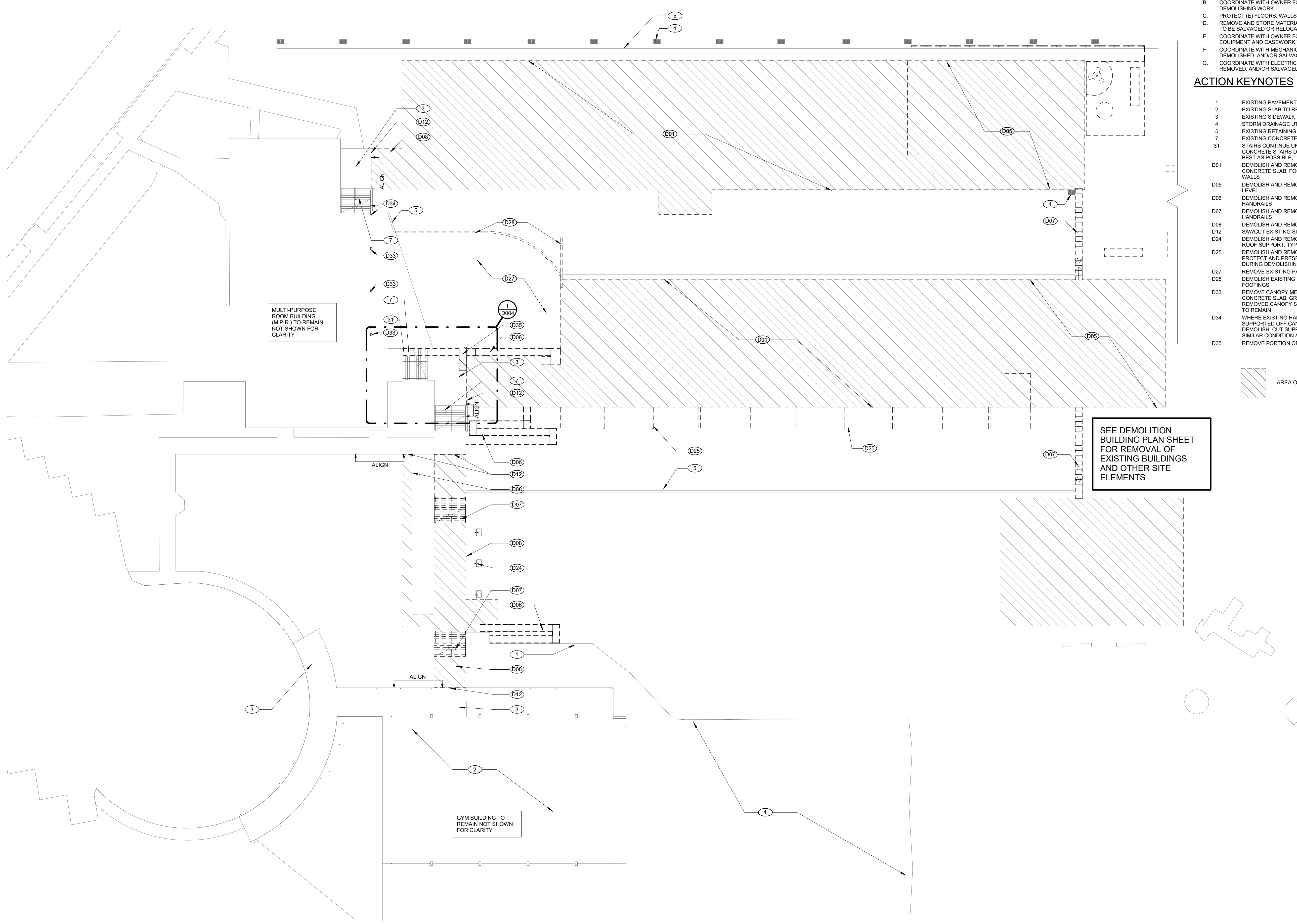
SHEET TITLE:  
**SITE RESTORATION PLAN**

REVISIONS:

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**GENERAL NOTES - DEMOLITION**

- A. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN.
- B. COORDINATE WITH OWNER FOR REMOVAL OF ABESTOS BEFORE DEMOLISHING WORK.
- C. PROTECT (E) FLOORS, WALLS, CEILINGS & FINISHES TO REMAIN.
- D. REMOVE AND STORE MATERIAL AND EQUIPMENT WHERE INDICATED TO BE SALVAGED OR RELOCATED.
- E. COORDINATE WITH OWNER FOR REMOVAL AND STORAGE OF (E) EQUIPMENT AND CASEWORK TO BE SALVAGED.
- F. COORDINATE WITH MECHANICAL/PLUMBING FOR ITEMS TO BE DEMOLISHED, AND/OR SALVAGED.
- G. COORDINATE WITH ELECTRICAL FOR ITEMS TO BE DEMOLISHED, REMOVED, AND/OR SALVAGED.

**ACTION KEYNOTES**

- 1 EXISTING PAVEMENT TO REMAIN
- 2 EXISTING SLAB TO REMAIN
- 3 EXISTING SIDEWALK TO REMAIN
- 4 STORM DRAINAGE UTILITIES, SEE CIVIL
- 5 EXISTING RETAINING WALL, TO REMAIN
- 7 EXISTING CONCRETE STAIRS AND HANDRAILS TO REMAIN
- 31 STAIRS CONTINUE UNDER CONCRETE RAMP, PROTECT CONCRETE STAIRS DURING DEMOLITION OF RAMP, AS BEST AS POSSIBLE.
- D01 DEMOLISH AND REMOVE ALL REINFORCED EXISTING CONCRETE SLAB, FOOTINGS AND ANY FOUNDATION STEM WALLS
- D05 DEMOLISH AND REMOVE EXISTING PAVEMENT 6" BELOW LEVEL
- D06 DEMOLISH AND REMOVE EXISTING CONCRETE RAMP AND HANDRAILS
- D07 DEMOLISH AND REMOVE EXISTING CONCRETE STAIRS AND HANDRAILS
- D08 DEMOLISH AND REMOVE EXISTING SIDEWALK
- D12 SAWCUT EXISTING SIDE WALK
- D24 DEMOLISH AND REMOVE CONCRETE BASE AND STEEL ROOF SUPPORT, TYPICAL OF 3
- D25 DEMOLISH AND REMOVE CONCRETE BUTTRESS, TYPICAL. PROTECT AND PRESERVE THE EXISTING STORM DRAIN DURING DEMOLISHING
- D27 REMOVE EXISTING PAVEMENT
- D28 DEMOLISH EXISTING CONCRETE RETAINING WALL AND FOOTINGS
- D33 REMOVE CANOPY METAL SUPPORT FLUSH WITH CONCRETE SLAB, GRIND DOWN SMOOTH, TYPICAL AT ALL REMOVED CANOPY SUPPORT COLUMNS WHERE SLAB IS TO REMAIN
- D34 WHERE EXISTING HANDRAIL OR GUARDRAIL IS SUPPORTED OFF CANOPY SUPPORT THAT IS BEING DEMOLISH, CUT SUPPORT 2" ABOVE TOP HANDRAIL, SEE SIMILAR CONDITION AT 7/D004
- D35 REMOVE PORTION OF SIDEWALK. SEE DETAIL 2/ D004



SEE DEMOLITION BUILDING PLAN SHEET FOR REMOVAL OF EXISTING BUILDINGS AND OTHER SITE ELEMENTS



DEMOLITION SET  
 4J WILLARD SWING SCHOOL  
 41 SCHOOL DISTRICT  
 2840 LINCOLN STREET  
 EUGENE, OR 97405

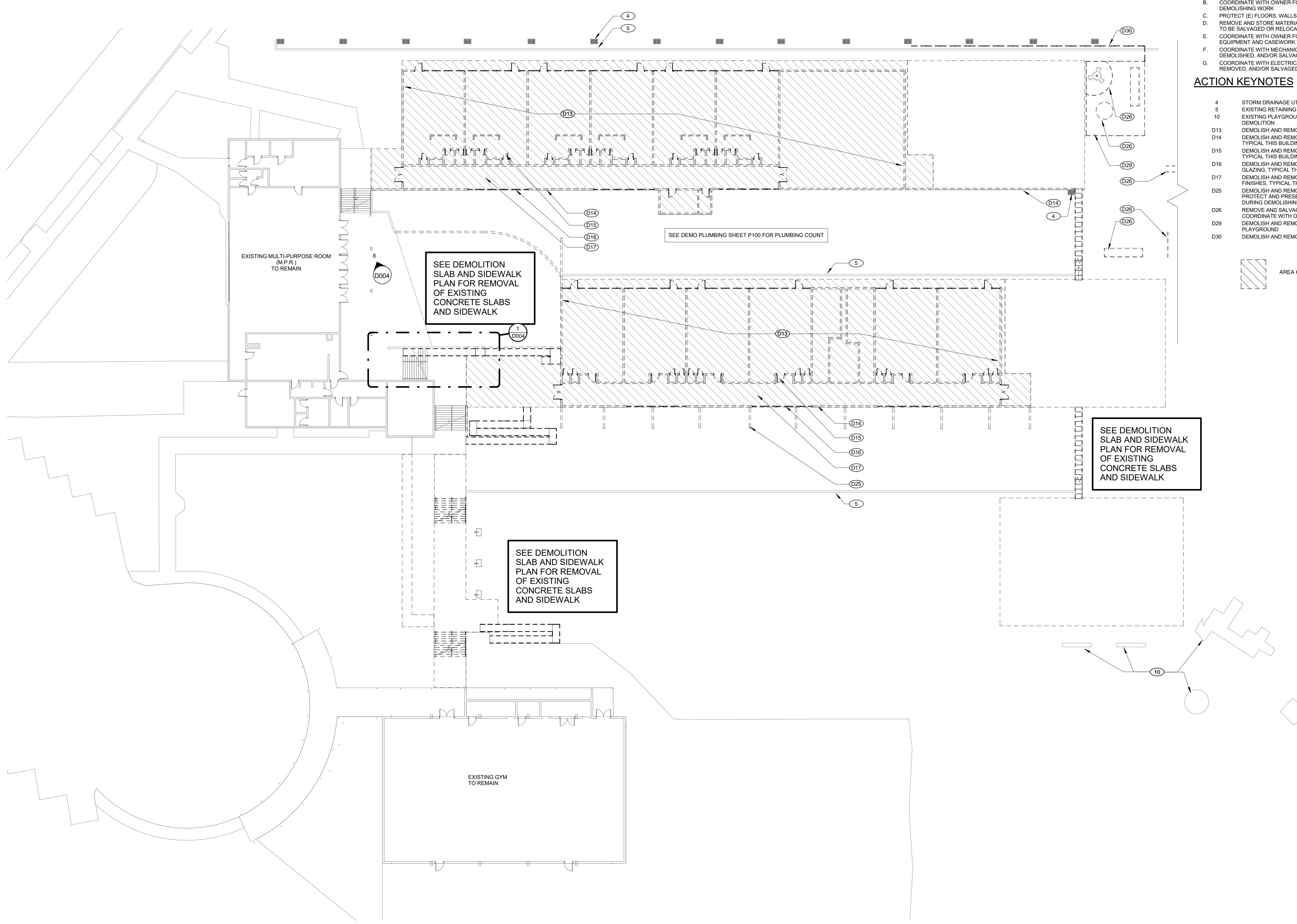
SHEET TITLE:  
**DEMOLITION SLAB AND SIDEWALK PLAN**

REVISIONS:  
 # DESCRP. DATE

ISSUE DATE: 09.26.2019

D001

**1 DEMO SLAB PLAN**  
 1" = 20'-0"



GENERAL NOTES - DEMOLITION

- A. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN.
- B. COORDINATE WITH OWNER FOR REMOVAL OF ASBESTOS BEFORE DEMOLISHING WORK.
- C. PROTECT (E) FLOORS, WALLS, CEILINGS & FINISHES TO REMAIN.
- D. REMOVE AND STORE MATERIAL AND EQUIPMENT WHERE INDICATED TO BE SALVAGED OR RELOCATED.
- E. COORDINATE WITH OWNER FOR REMOVAL AND STORAGE OF (E) EQUIPMENT AND CASEWORK TO BE SALVAGED.
- F. COORDINATE WITH MECHANICAL PLUMBING FOR ITEMS TO BE DEMOLISHED, AND/OR SALVAGED.
- G. COORDINATE WITH ELECTRICAL FOR ITEMS TO BE DEMOLISHED, REMOVED, AND/OR SALVAGED.

ACTION KEYNOTES

- 4 STORM DRAINAGE UTILITIES, SEE CIVIL
- 5 EXISTING RETAINING WALL, TO REMAIN
- 10 EXISTING PLAYGROUND TO REMAIN, PROTECT DURING DEMOLITION
- D13 DEMOLISH AND REMOVE EXISTING BUILDING, TYPICAL THIS BUILDING
- D14 DEMOLISH AND REMOVE EXISTING WALLS AND FINISHES, TYPICAL THIS BUILDING
- D15 DEMOLISH AND REMOVE EXISTING DOORS AND FRAMES, TYPICAL THIS BUILDING
- D16 DEMOLISH AND REMOVE EXISTING STOREFRONT AND GLAZING, TYPICAL THIS BUILDING
- D17 DEMOLISH AND REMOVE EXISTING FLOORING AND FINISHES, TYPICAL THIS BUILDING
- D25 DEMOLISH AND REMOVE CONCRETE BUTTRESS, TYPICAL. PROTECT AND PRESERVE THE EXISTING STORM DRAIN DURING DEMOLISHING
- D26 REMOVE AND SALVAGE PLAYGROUND EQUIPMENT, COORDINATE WITH OWNER FOR STORAGE
- D29 DEMOLISH AND REMOVE FENCE ASSOCIATED WITH PLAYGROUND
- D30 DEMOLISH AND REMOVE FENCE



DEMOLITION SET  
 4J WILLARD SWING SCHOOL  
 41 SCHOOL DISTRICT  
 2840 LINCOLN STREET  
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SHEET TITLE:  
**DEMOLITION BUILDING PLAN**

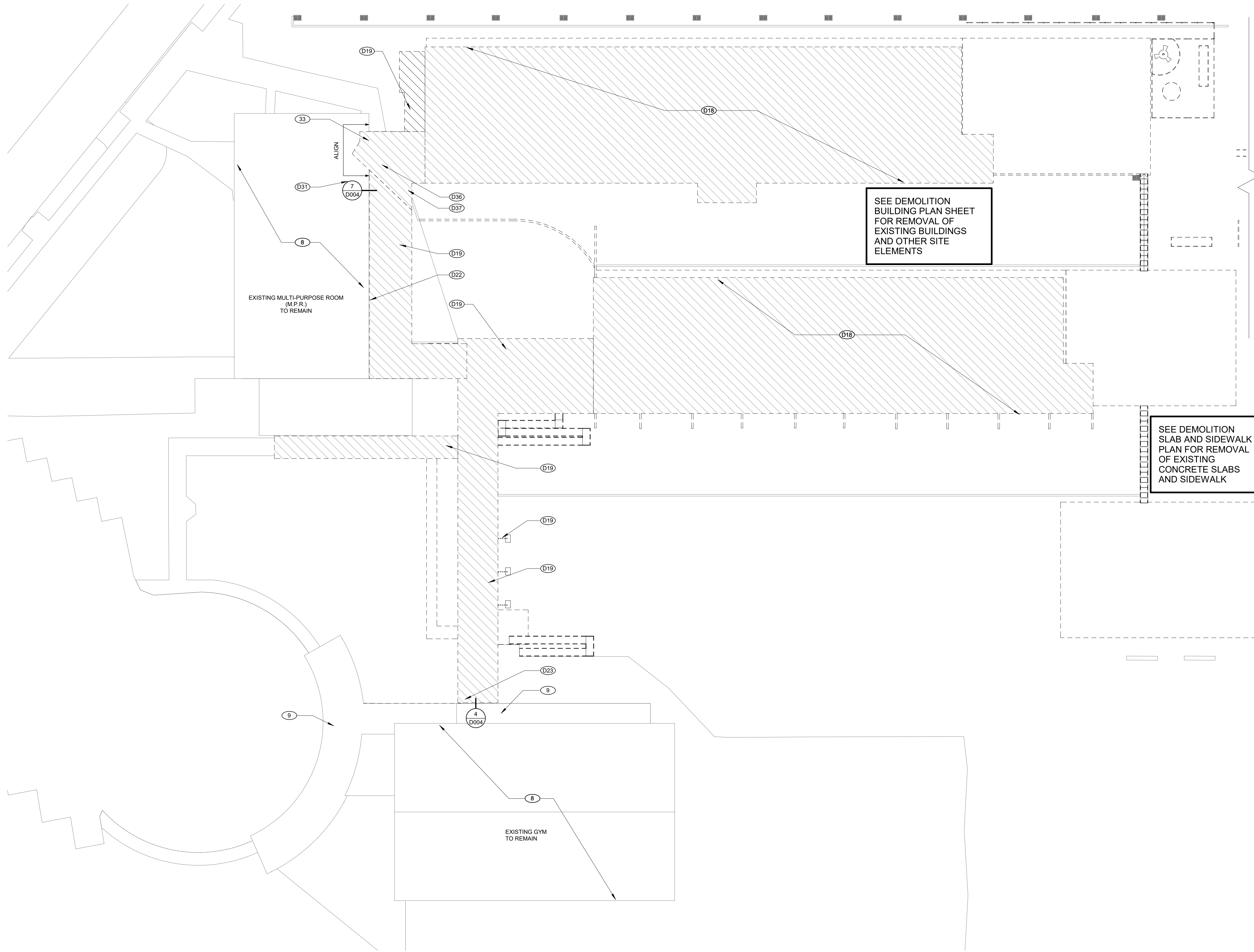
REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 09.26.2019

**1 DEMO FLOOR PLAN**  
 1" = 20'-0"

D002

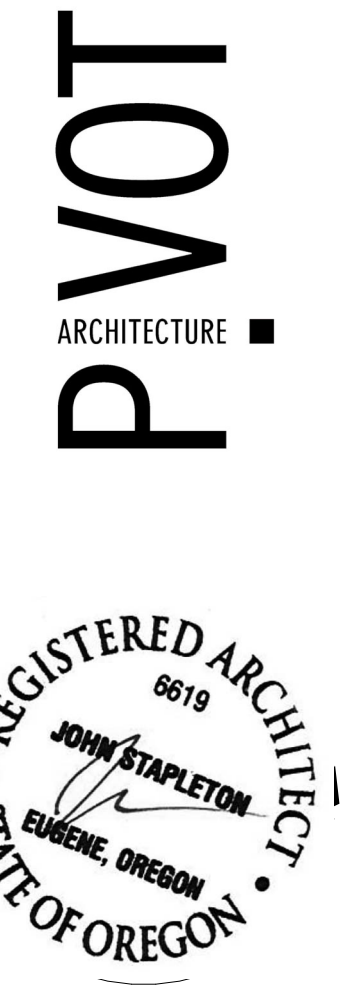


**GENERAL NOTES - DEMOLITION**

- A. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN.
- B. COORDINATE WITH OWNER FOR REMOVAL OF ABESTOS BEFORE DEMOLISHING WORK.
- C. PROTECT (E) FLOORS, WALLS, CEILINGS & FINISHES TO REMAIN.
- D. REMOVE AND STORE MATERIAL AND EQUIPMENT WHERE INDICATED TO BE SALVAGED OR RELOCATED.
- E. COORDINATE WITH OWNER FOR REMOVAL AND STORAGE OF (E) EQUIPMENT AND CASEWORK TO BE SALVAGED.
- F. COORDINATE WITH MECHANICAL/PLUMBING FOR ITEMS TO BE DEMOLISHED, AND/OR SALVAGED.
- G. COORDINATE WITH ELECTRICAL FOR ITEMS TO BE DEMOLISHED, REMOVED, AND/OR SALVAGED.

**ACTION KEYNOTES**

- 8. EXISTING ROOF TO REMAIN
- 9. EXISTING COVERED WALKWAY TO REMAIN
- 33. SEE ROOF SLOPE CONDITION IN DETAIL 8/D004
- D18. DEMOLISH AND REMOVE EXISTING ROOF STRUCTURE, AND ASSOCIATED ROOFING, GUTTERS, DOWNSPOUTS AND TRIM
- D19. DEMOLISH AND REMOVE EXISTING COVERED WALKWAY STRUCTURE, AND ASSOCIATED SUPPORTS, ROOFING, GUTTERS, DOWNSPOUTS AND TRIM
- D22. CUT STRUCTURE OF COVERED WALKWAY TO LEAVE PORTION FOR ROOF OVERHANG, SEE DETAIL
- D23. REMOVE PORTION OF COVERED WALKWAY, STRUCTURAL BEAM FOR ROOF OVERHANG TO REMAIN, SEE DETAIL 4/ D004
- D31. CUT RAFTERS OF COVERED ROOF TO ALIGN WITH EXISTING ROOF OVERHANG, SEE DETAIL 7/D004
- D36. DEMOLISH AND REMOVE BEAM FROM BUILDING, PROTECT WALL AND ROOF OF M.P.R. TO REMAIN, SEE DETAIL 8/D004
- D37. DEMOLISH AND REMOVE EXISTING OVER FRAMING FROM COVERED WALKWAY ROOF CRICKET



DEMOLITION SET  
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 4J SCHOOL DISTRICT  
 2840 LINCOLN STREET  
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SHEET TITLE:  
**DEMOLITION ROOF PLAN**

REVISIONS:

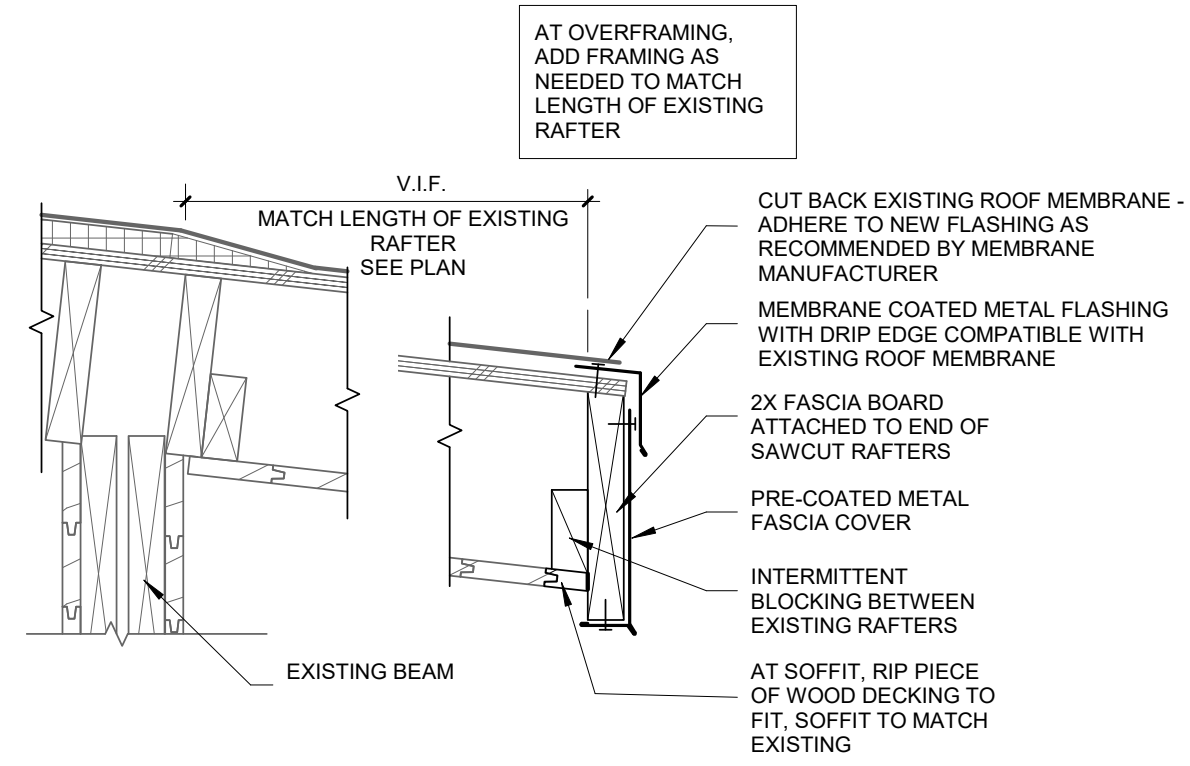
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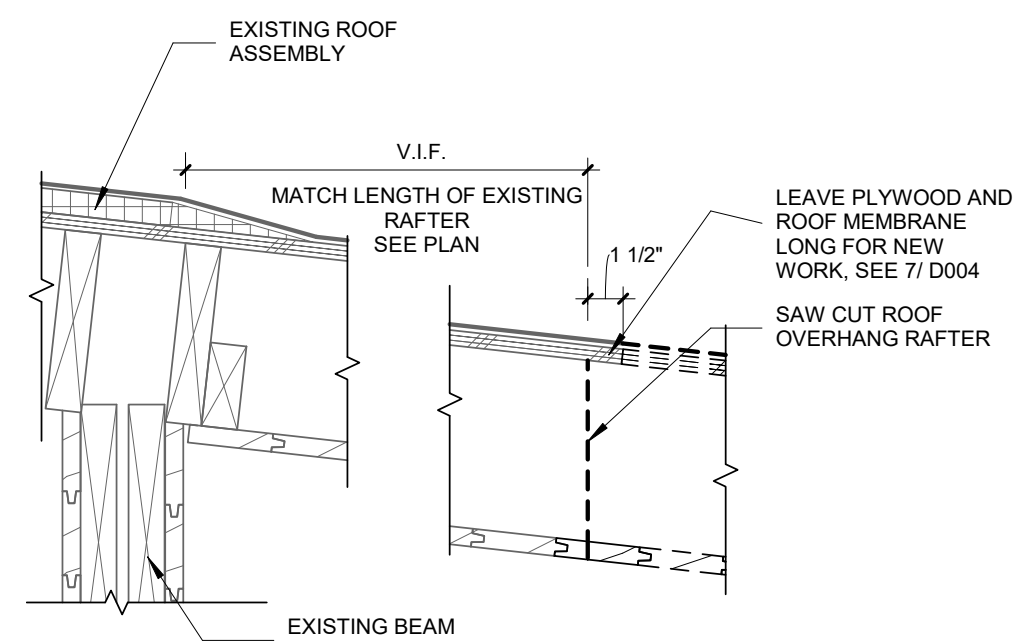




**8 CAFETERIA ROOF OVERHANG**



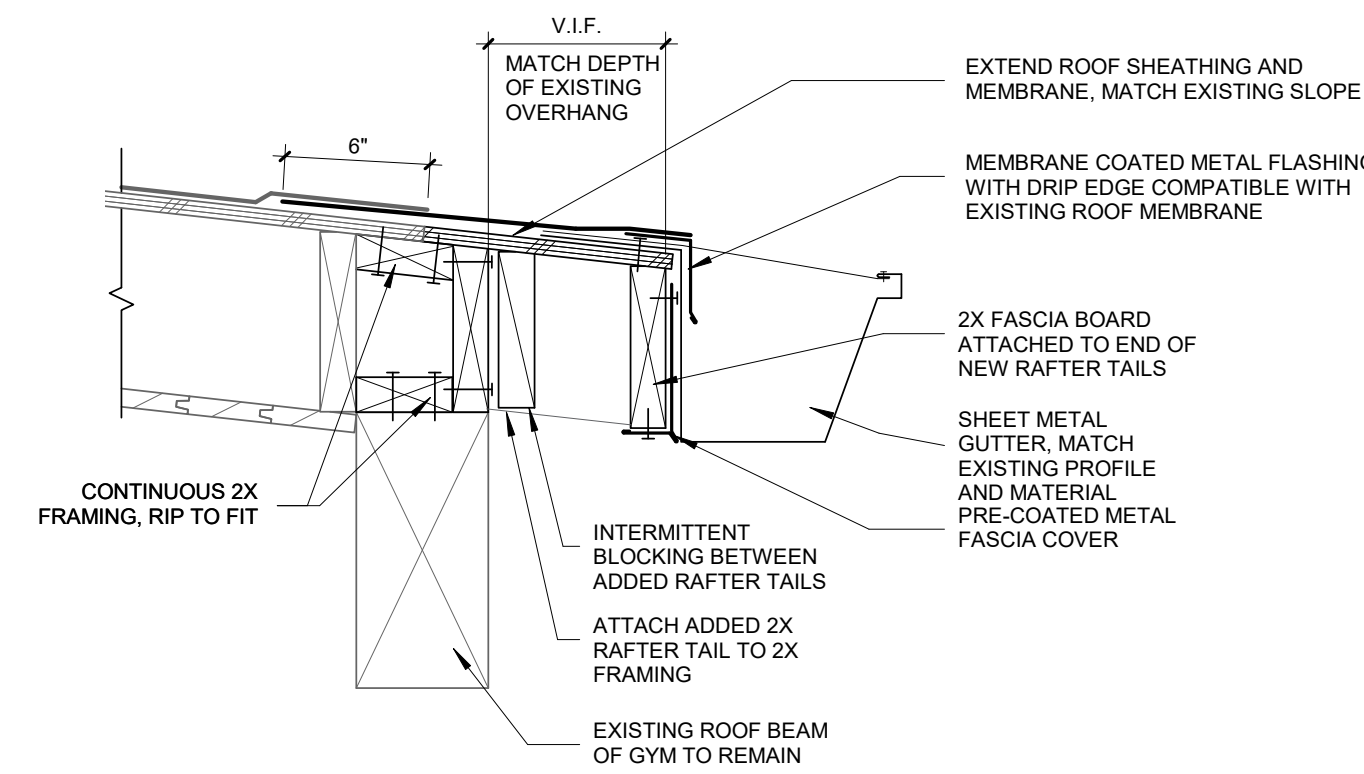
**7 ROOF AT M.P.R. - NEW**  
1 1/2" = 1'-0"



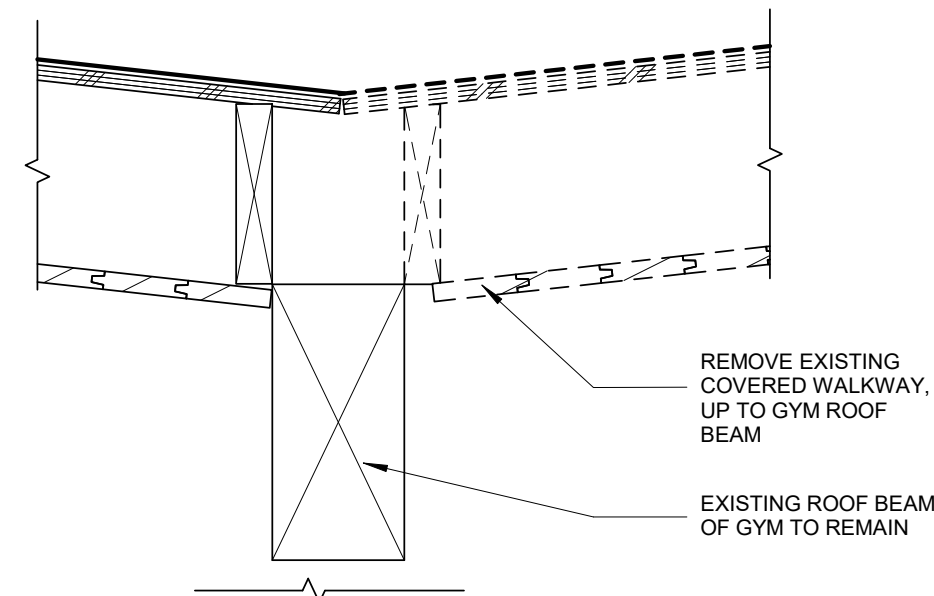
**6 ROOF AT M.P.R. - DEMO**  
1 1/2" = 1'-0"



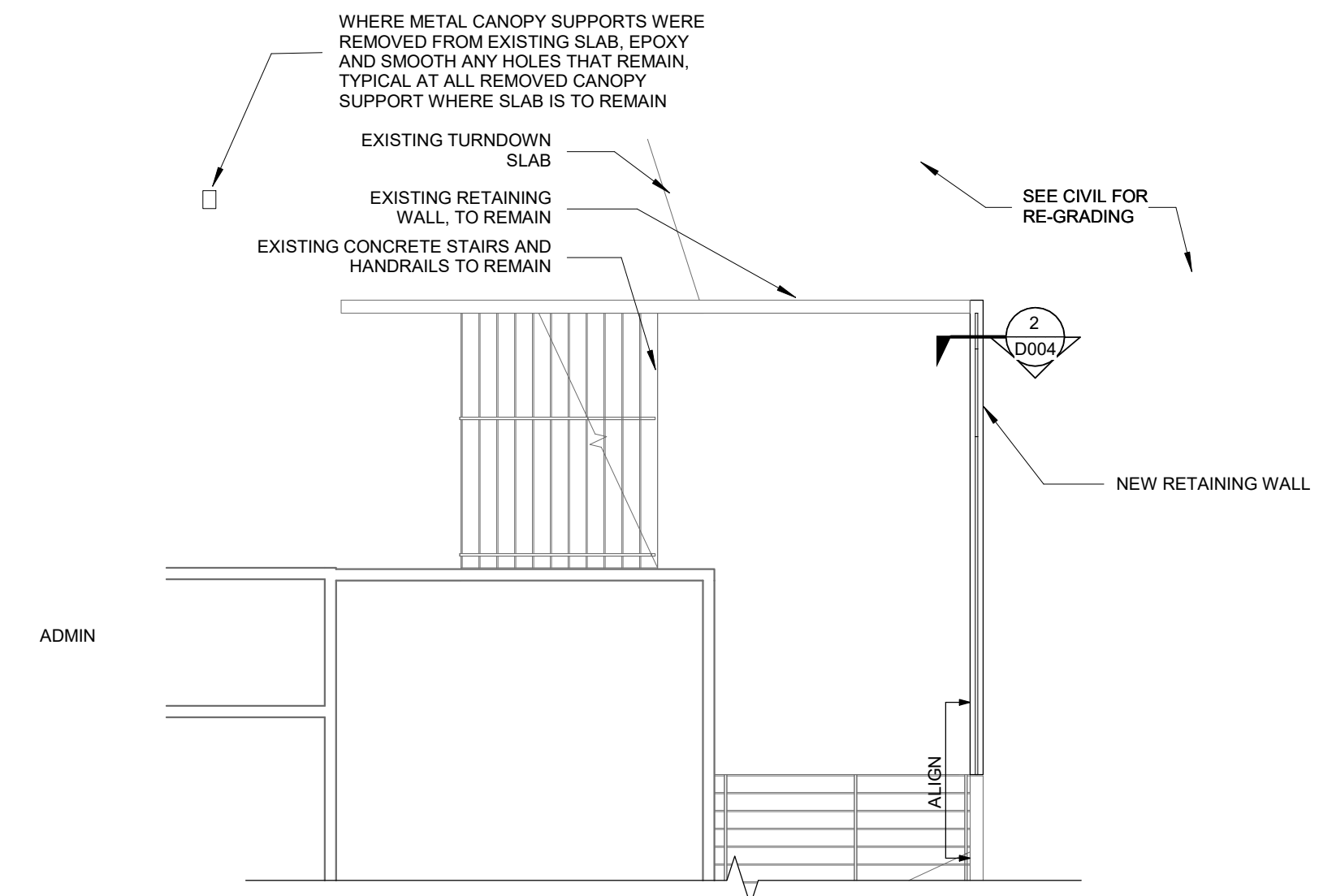
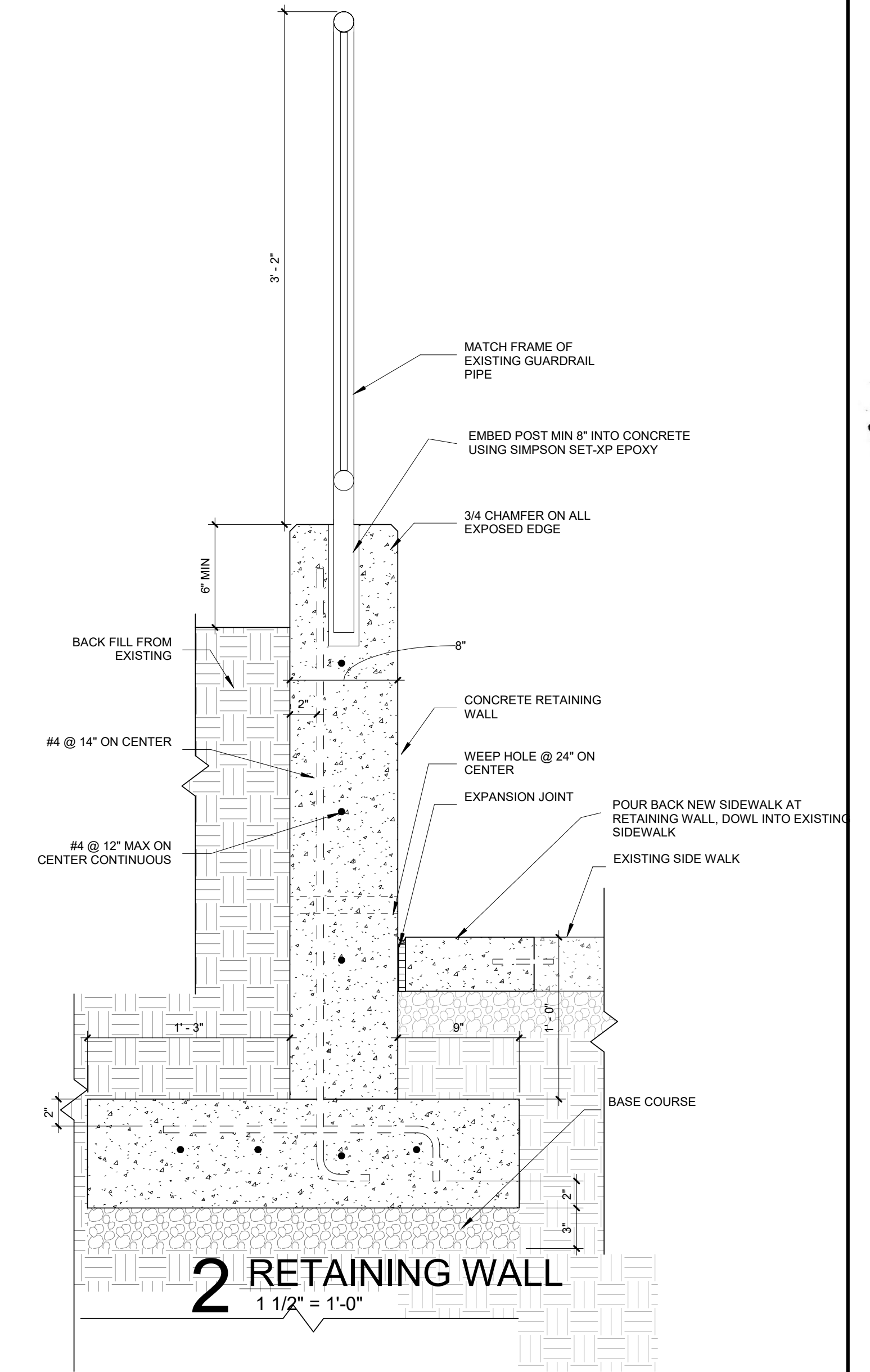
**5 GUARDRAIL POST**



**4 ROOF AT GYM - NEW**  
1 1/2" = 1'-0"



**3 ROOF AT GYM - DEMO**  
1 1/2" = 1'-0"



**1 RETAINING PLAN - NEW**  
1/8" = 1'-0"



**9 CONDUIT REMOVAL**

WHERE CONDUIT IS REMOVED FROM EXISTING BUILDING TO REMAIN, COVER WITH METAL FLASHING AND SEAL.

# MECHANICAL LEGEND

## PIPING

SYMBOL	ABBREV.	DESCRIPTION
<b>HYDRONIC PIPING:</b>		
	HS	HEATING WATER SUPPLY
	HR	HEATING WATER RETURN
	CD	CONDENSATE DRAIN
<b>SITE PIPING (REFERENCE):</b>		
	W	WATER SERVICE
	I	IRRIGATION
		PIPING UP
		PIPING DOWN
		SLOPE OF PIPE IN DECIMALS OF FEET
		CAPPED PIPE
		PIPE REDUCING FITTING, CONCENTRIC, ECCENTRIC
		DIRECTION OF FLOW
		UNION
		PUMP
	DV	DRAIN VALVE
	BV	BALL VALVE
	BFV	BUTTERFLY VALVE
	CHV	CHECK VALVE
	GV	GATE VALVE
	AV	AUTOMATIC CONTROL VALVE: 2-WAY
	AV	AUTOMATIC CONTROL VALVE: 3-WAY
	AV	AUTOMATIC BUTTERFLY VALVE
	PRV	PRESSURE REGULATING VALVE
		FLEXIBLE PIPE CONNECTION
		WYE STRAINER

## DUCTWORK

SYMBOL	DESCRIPTION
	SA RECTANGULAR SUPPLY AIR DUCT UP
	RA RECTANGULAR RETURN AIR DUCT UP
	EA RECTANGULAR EXHAUST AIR UP
	OSA RECTANGULAR OUTSIDE AIR UP
	RECTANGULAR SUPPLY AIR DUCT UP
	RECTANGULAR RETURN AIR DN
	RECTANGULAR EXHAUST AIR or OUTSIDE AIR DN
	ROUND DUCTWORK UP
	ROUND DUCTWORK DOWN
	TURN VANE ELBOW
	STANDARD RADIUS ELBOW
	FLEXIBLE DUCT CONNECTION
	DUCT SIZE: WIDTH x DEPTH
	SD-1 10'x10' 200 DIFFUSER TYPE SIZE - BLOW PATTERN (4-WAY IF NONE SHOWN) AIR VOLUME IN CUBIC FEET per MINUTE (CFM)
	RG-1 12'x10' 175 GRILLE TYPE SIZE AIR VOLUME IN CUBIC FEET per MINUTE (CFM)
	EG-1 12'x10' 175 GRILLE TYPE SIZE AIR VOLUME IN CUBIC FEET per MINUTE (CFM)
	EG-1 8'x4' 100 SIDE WALL DIFFUSER OR GRILLE TYPE SIZE AIR VOLUME IN CUBIC FEET per MINUTE (CFM)
	SD-2 48' - 2 - 10' 175 SLOT DIFFUSER TYPE LENGTH - # OF SLOTS - INLET SIZE AIR VOLUME IN CUBIC FEET per MINUTE (CFM)
	INTERNALLY LINED OR DOUBLE WALL DUCTWORK
	MANUAL VOLUME DAMPER
	RECTANGULAR DUCT ANGLED CHANGE IN ELEVATION
	ROUND DUCT ANGLED CHANGE IN ELEVATION
	CONCENTRIC TRANSITION
	ECCENTRIC TRANSITION
	MITERED TEE WITH TURNING VANES
	MITERED ELBOW WITH BRANCH FITTING
	45 DEGREE LATERAL BRANCH, ROUND
	45 DEGREE ENTRY BRANCH, ROUND OR RECTANGULAR
	CONICAL BRANCH, ROUND

## GENERAL

SYMBOL	ABBREVIATION	DESCRIPTION
(E)		EXISTING
Ø OR dia		DIAMETER
		NEW TO EXISTING POINT OF CONNECTION
		NOTE REFERENCE MARKER
	PLAN OR DETAIL NUMBER SHEET NUMBER	PLAN OR DETAIL REFERENCE MARKER
	SECTION LETTER SHEET NUMBER	SECTION REFERENCE MARKER W/VIEW DIRECTION
	EQUIPMENT TYPE EQUIPMENT NUMBER	EQUIPMENT MARKER
		ROOM NUMBER
		EXISTING SHOWN LIGHT
		NEW WORK SHOWN BOLD
		EXISTING TO BE REMOVED
		AREA OF DEMOLITION

## ABBREVIATIONS

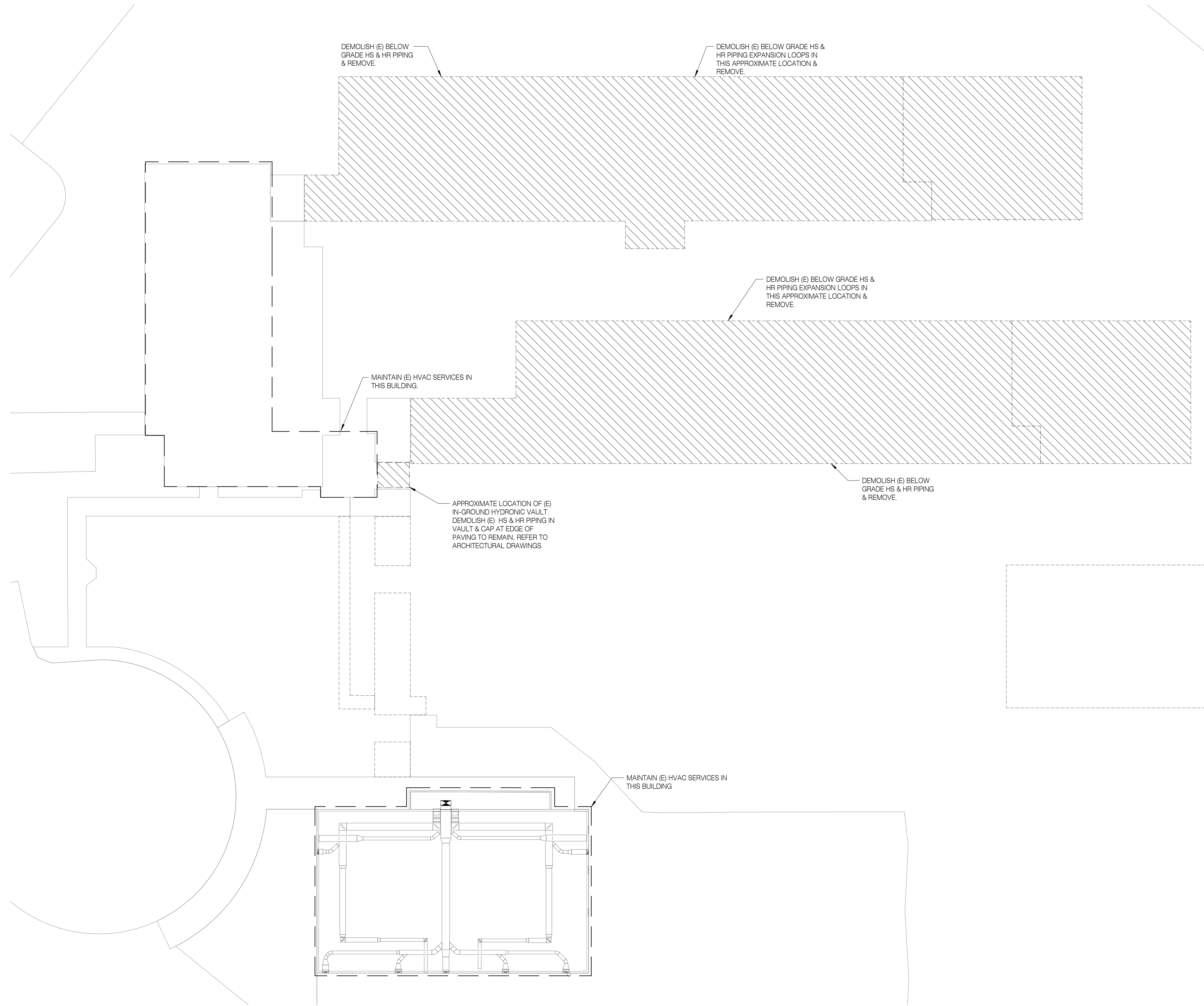
ACH	AIR CHANGES PER HOUR	IN	INCHES
AFF	ABOVE FINISHED FLOOR	IN WC	INCHES WATER COLUMN
AFS	AUTOMATIC FIRE SPRINKLER	IPLV	INTEGRATED PART LOAD VALUE
AL	ALUMINUM	IW	INDIRECT WASTE
ALT	ALTERNATE	LAT	LEAVING AIR TEMPERATURE
APD	AIR PRESSURE DROP	LBS	POUNDS
BAS	BUILDING AUTOMATION SYSTEM	LWT	LEAVING WATER TEMPERATURE
BHP	BRAKE HORSEPOWER	Ma	MILLIAMPERE
BOD	BOTTOM OF DUCT	MAX	MAXIMUM
BTUH	BRITISH THERMAL UNITS PER HOUR	MBH	THOUSAND BTUs per HOUR
CFH	CUBIC FEET per HOUR	MCA	MINIMUM CIRCUIT AMPS
CFM	CUBIC FEET per MINUTE	MFR	MANUFACTURER
CMU	CONCRETE MASONRY UNIT	MIN	MINIMUM
CONC	CONCRETE	MOP	MAX. OVERCURRENT PROTECTION
CONT	CONTINUATION	NC	NOISE CRITERIA
DB	DRY BULB	NC	NORMALLY CLOSED
Dba	DECIBELS ACOUSTIC	NIC	NOT IN CONTRACT
DN	DOWN	NO	NORMALLY OPEN
DP	DIFFERENTIAL PRESSURE	NPLV	NON-STANDARD PART LOAD VALUE
EAT	ENTERING AIR TEMPERATURE	NPSH	NET POSITIVE SUCTION HEAD
EER	ENERGY EFFICIENCY RATIO	OFCI	OWNER FURNISHED/ CONTRACTOR INSTALLED
EFF	EFFICIENCY	PD	PRESSURE DROP
ESP	EXTERNAL STATIC PRESSURE	PH	PHASE
EWT	ENTERING WATER TEMPERATURE	PPH	POUNDS per HOUR
FLA	FULL LOAD AMPS	PSI	POUNDS per SQUARE INCH GAUGE
FPM	FEET PER MINUTE	REQD	REQUIRED
FT	FEET	RF	RETURN FAN
FT WC	FEET WATER COLUMN	RH	RELATIVE HUMIDITY
FUT	FUTURE	RPM	REVOLUTIONS per MINUTE
GPH	GALLONS PER HOUR	SEER	SEASONAL ENERGY EFFICIENCY RATIO
GPM	GALLONS PER MINUTE	SF	SUPPLY FAN
GYP BD	GYPSUM WALL BOARD	SS	STAINLESS STEEL
HP	HORSEPOWER	STL	STEEL
HSPF	HEATING SEASONAL PERFORMANCE FACTOR	TSP	TOTAL STATIC PRESSURE
HVAC	HEATING, VENTILATING, & AIR CONDITIONING	TYP	TYPICAL
HZ	HERTZ (CYCLES PER SECOND)	VFD	VARIABLE FREQUENCY DRIVE
IAQ	INDOOR AIR QUALITY	WB	WET BULB
IE	INVERT ELEVATION	WC	WATER COLUMN
		WG	WATER GAUGE

## GENERAL NOTES

1. SIZE AND LOCATION OF ALL PIPING AND OTHER MECHANICAL EQUIPMENT IS APPROXIMATE. CONTRACTOR SHALL SITE VERIFY THE LOCATION OF EXISTING PIPING AND EQUIPMENT AND CONSTRUCT WORK FROM FIELD DIMENSIONS. CONTRACTOR SHALL MAKE ADJUSTMENTS NECESSARY TO ACCOMMODATE MINOR DEVIATIONS AT NO COST TO OWNER.
2. FINE (LIGHT) LINE WORK INDICATES EXISTING PIPING AND OTHER MECHANICAL EQUIPMENT. BOLD (HEAVY) DASHED LINE WORK INDICATES DEMOLITION SCOPE.

## SHEET INDEX - MECHANICAL

M001	LEGEND, GENERAL NOTES & SHEET INDEX
M099	DEMOLITION SITE PLAN - BELOW GRADE
M100	DEMOLITION SITE PLAN - 1ST FLOOR
M101	DEMOLITION SITE PLAN - ROOF LEVEL



SHEET NOTES:

1. DEMOLISH ALL (E) MECHANICAL EQUIPMENT, DUCTWORK, PIPING, FITTINGS, APPURTENANCES, & OTHER MECHANICAL SYSTEMS INTERIOR TO THE BUILDING & ALL HYDRONIC PIPING PENETRATING THROUGH THE FLOOR SLAB & ROOF LOCATED IN THE BUILDING AREAS SHOWN. DEMOLISH ALL WORK THROUGH SLAB TO A DEPTH OF 2'-0" BELOW GRADE. NOTIFY OWNERS AUTHORIZED REPRESENTATIVE IF DEMOLITION IS NEEDED BELOW 2'-0" BELOW GRADE.
2. (E) CONDITIONS INFORMATION SHOWN ON THIS DRAWING REPRESENTS INFORMATION FROM ORIGINAL DOCUMENTS & ON-SITE OBSERVATIONS OF ACCESSIBLE AREAS, & MAY NOT SHOW THE ENTIRE SCOPE OF DEMOLITION WORK. DIFFERENCES IN ACTUAL LOCATIONS & QUANTITIES OF (E) MECHANICAL EQUIPMENT, DUCTWORK, PIPING, FITTINGS, APPURTENANCES, & OTHER MECHANICAL SYSTEMS FROM THE LOCATIONS & QUANTITIES SHOWN ON DEMOLITION DRAWINGS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO PROVIDE COMPLETE DEMOLITION OF MECHANICAL SYSTEMS AS NOTED ABOVE.



**SYSTEMS WEST ENGINEERS**  
 725 A Street  
 Springfield, OR 97477  
 541.342.7210  
 systemswestengineers.com  
 SWE Proj. No. V002.08

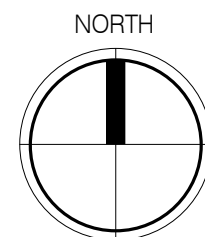
DEMOLITION SET  
 4J WILLARD SWING SCHOOL  
 41 SCHOOL DISTRICT  
 2840 LINCOLN ST

SHEET TITLE:  
**DEMOLITION SITE PLAN - BELOW GRADE**

#	DESCRP.	DATE

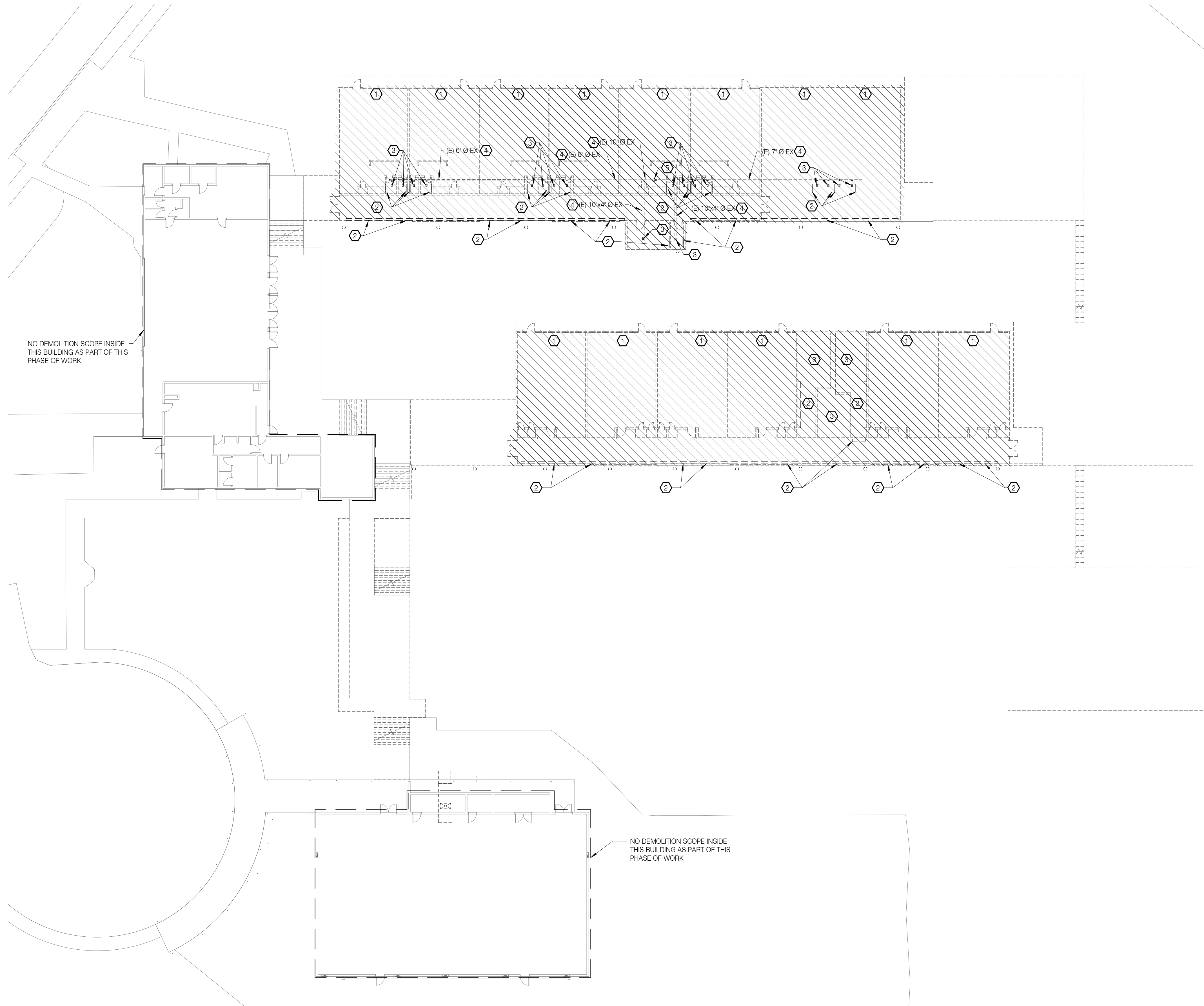
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M099



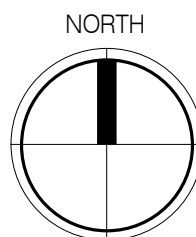
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**DEMOLITION SITE PLAN - BELOW GRADE**  
 1" = 20'-0"



NO DEMOLITION SCOPE INSIDE THIS BUILDING AS PART OF THIS PHASE OF WORK.

NO DEMOLITION SCOPE INSIDE THIS BUILDING AS PART OF THIS PHASE OF WORK.



**1** DEMOLITION SITE PLAN - 1ST FLOOR  
1" = 20'-0"

**SHEET NOTES:**

1. DEMOLISH ALL (E) MECHANICAL EQUIPMENT, DUCTWORK, PIPING, FITTINGS, APPURTENANCES, & OTHER MECHANICAL SYSTEMS INTERIOR TO THE BUILDING & ALL HYDRONIC PIPING PENETRATING THROUGH THE FLOOR SLAB & ROOF LOCATED IN THE BUILDING AREAS SHOWN. DEMOLISH ALL WORK THROUGH SLAB TO A DEPTH OF 2'-0" BELOW GRADE. NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE IF DEMOLITION IS NEEDED BELOW 2'-0" BELOW GRADE.
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**REFERENCE NOTES:**

- 1 DEMOLISH & REMOVE (E) UNIT VENTILATOR & ASSOCIATED HS & HR PIPING, DUCTWORK, & GRILLE.
- 2 DEMOLISH & REMOVE (E) CONVECTORS & ASSOCIATED HS & HR PIPING.
- 3 DEMOLISH & REMOVE (E) EXHAUST GRILLES IN RESTROOM OR STORAGE ROOM & ASSOCIATED DUCTWORK.
- 4 DEMOLISH & REMOVE (E) DUCTWORK.
- 5 DEMOLISH & REMOVE (E) 14" DIA EXHAUST DUCTWORK UP THROUGH ROOF & ASSOCIATED EXHAUST FAN.



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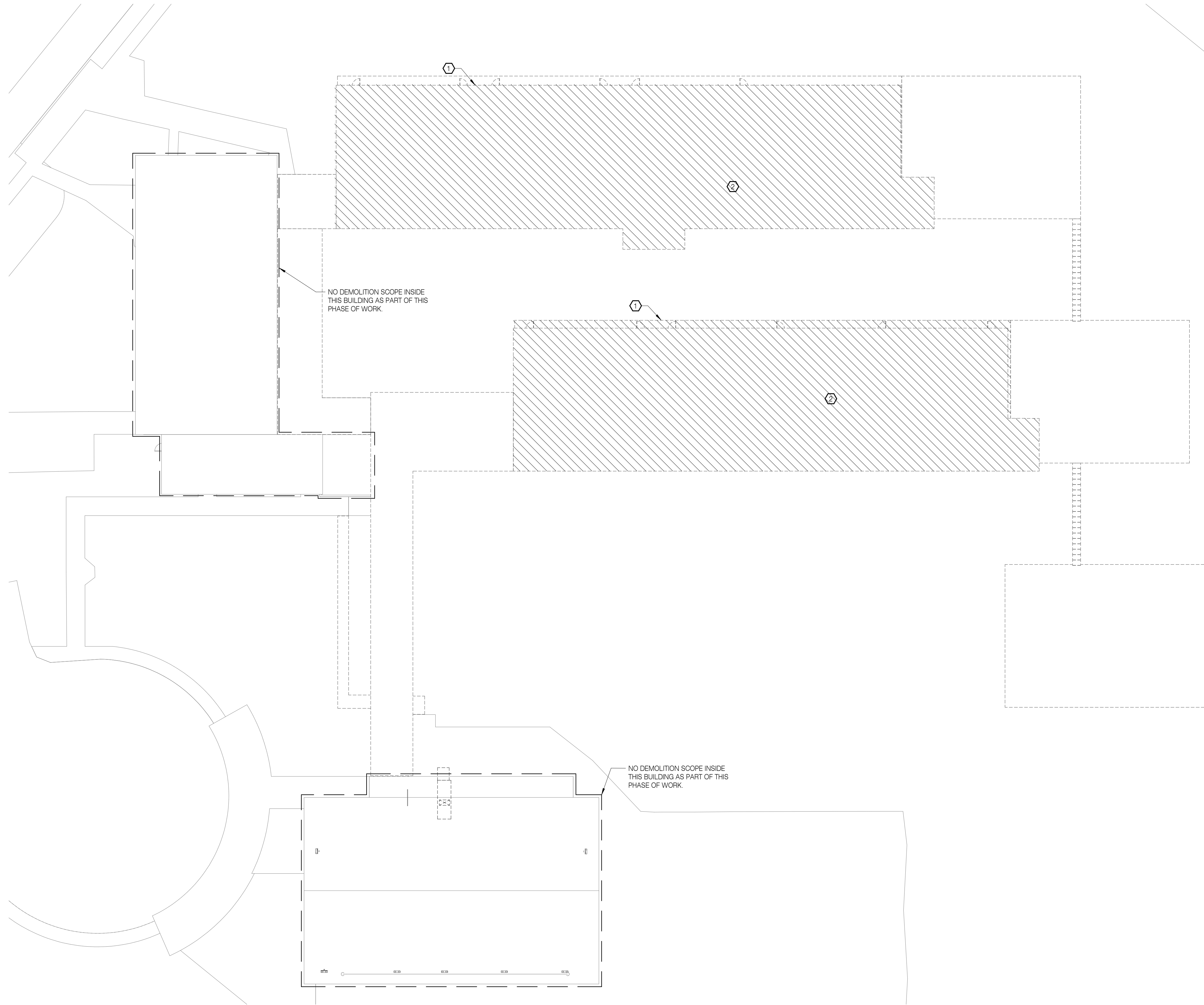
DEMOLITION SET  
**4J WILLARD SWING SCHOOL**  
41 SCHOOL DISTRICT  
2840 LINCOLN ST

SHEET TITLE:  
**DEMOLITION SITE PLAN - 1ST FLOOR**

REVISIONS:

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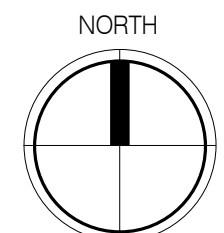


**SHEET NOTES:**

1. DEMOLISH ALL (E) MECHANICAL EQUIPMENT, DUCTWORK, PIPING, FITTINGS, APPURTENANCES, & OTHER MECHANICAL SYSTEMS INTERIOR TO THE BUILDING & ALL HYDRONIC PIPING PENETRATING THROUGH THE FLOOR SLAB & ROOF LOCATED IN THE BUILDING AREAS SHOWN. DEMOLISH ALL WORK THROUGH SLAB TO A DEPTH OF 2'-0" BELOW GRADE. NOTIFY OWNERS AUTHORIZED REPRESENTATIVE IF DEMOLITION IS NEEDED BELOW 2'-0" BELOW GRADE.
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**REFERENCE NOTES:**

- ① DEMOLISH & REMOVE (E) ROOF-MOUNTED GRAVITY VENTILATORS & ASSOCIATED DUCTWORK.
- ② DEMOLISH & REMOVE (E) EXHAUST FAN.



1

**DEMOLITION SITE PLAN - ROOF LEVEL**  
1" = 20'-0"



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**DEMOLITION SET**  
**4J WILLARD SWING SCHOOL**  
4J SCHOOL DISTRICT  
2840 LINCOLN ST

SHEET TITLE:  
**DEMOLITION SITE PLAN - ROOF LEVEL**

REVISIONS:

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ISSUE DATE: 09.26.2019

**M101**

# PLUMBING LEGEND

SYMBOL	ABBREV.	DESCRIPTION	SYMBOL	ABBREV.	DESCRIPTION
<b>PLUMBING PIPING:</b>					
	CW	POTABLE COLD WATER			PIPING UP
	HW	POTABLE HOT WATER			PIPING DOWN
	HWR	POTABLE HOT WATER RETURN			SLOPE OF PIPE IN DECIMALS OF FEET
	TW	POTABLE TEMPERED HOT WATER			CAPPED PIPE
	NP	NON-POTABLE COLD WATER			PIPE REDUCING FITTING: CONCENTRIC, ECCENTRIC
	W	SANITARY WASTE			DIRECTION OF FLOW
	V	VENT			UNION
	D	DRAIN			PUMP
	SD	STORM DRAIN		DV	DRAIN VALVE
	OD	OVERFLOW DRAIN		BV	BALL VALVE
<b>FUEL PIPING:</b>					
	Q(*)	NATURAL GAS (*=SUPPLY PRESSURE)		BFV	BUTTERFLY VALVE
				CHV	CHECK VALVE
				GV	GATE VALVE
				SV	SOLENOID VALVE
				PRV	PRESSURE REGULATING VALVE
					FLEXIBLE PIPE CONNECTION
					WYE STRAINER
					THERMOMETER
					PRESSURE GAUGE
					TEST PLUG
					METER, SELF-CONTAINED
					CLEANOUT TO GRADE, FLOOR CLEANOUT
					WCO WALL CLEANOUT
					FD FLOOR DRAIN
					HB HOSE BIBB (DIAGRAM)
					HB HOSE BIBB (PLAN)
					REDUCED PRESSURE BACKFLOW PREVENTER
					DOUBLE CHECK BACKFLOW PREVENTER
					WATER HAMMER ARRESTOR

SYMBOL	ABBREVIATION	DESCRIPTION
(E)		EXISTING
∅ OR dia		DIAMETER
		NEW TO EXISTING POINT OF CONNECTION
		NOTE REFERENCE MARKER
	PLAN OR DETAIL NUMBER	
	SHEET NUMBER	PLAN OR DETAIL REFERENCE MARKER
	SECTION LETTER	
	SHEET NUMBER	SECTION REFERENCE MARKER
	EQUIPMENT TYPE	
	EQUIPMENT NUMBER	EQUIPMENT MARKER
		ROOM NUMBER
		EXISTING SHOWN LIGHT
		NEW WORK SHOWN BOLD
		EXISTING TO BE REMOVED
		AREA OF DEMOLITION

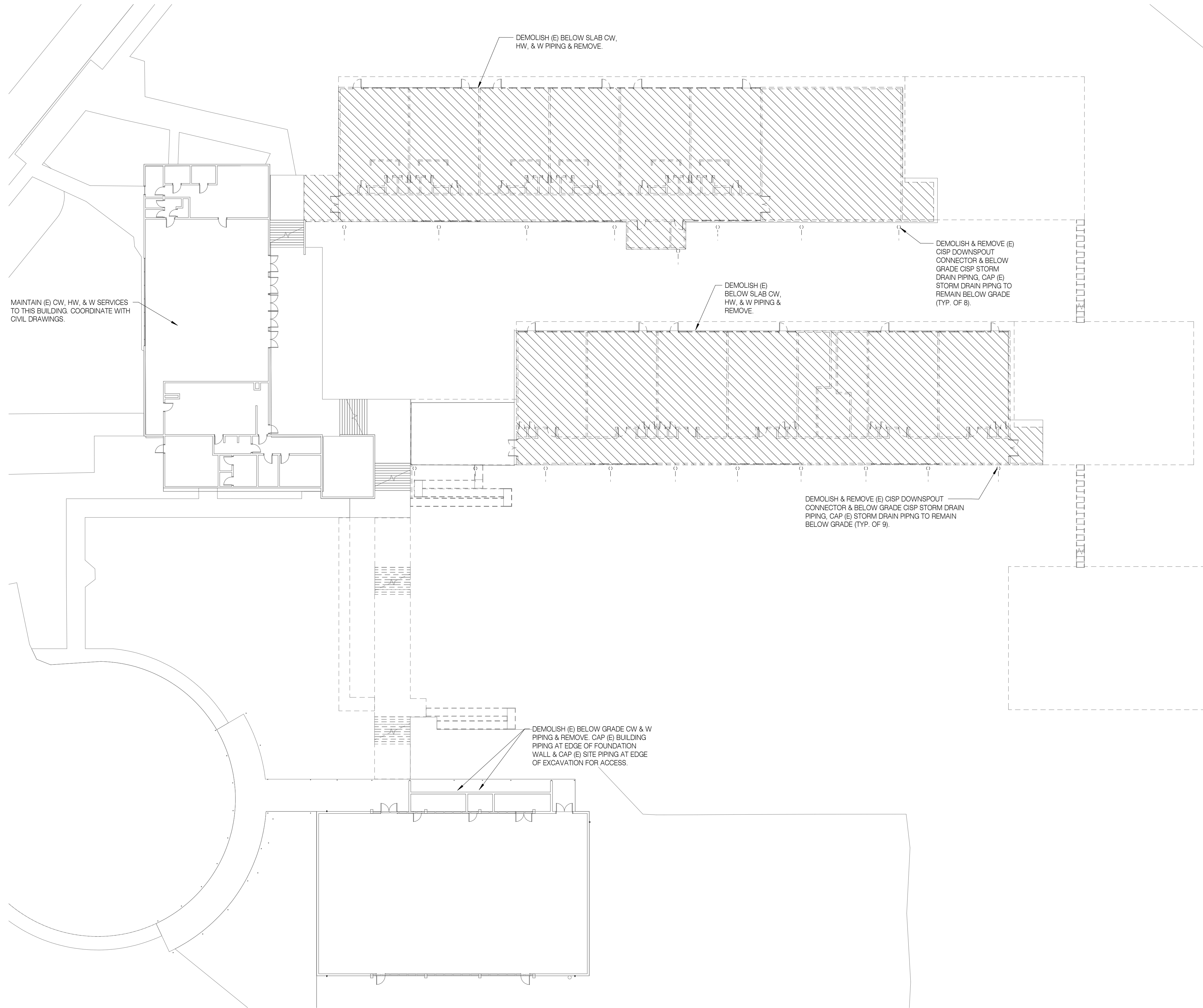
## GENERAL NOTES

1. SIZE AND LOCATION OF ALL PIPING AND OTHER MECHANICAL EQUIPMENT IS APPROXIMATE. CONTRACTOR SHALL SITE VERIFY THE LOCATION OF EXISTING PIPING AND EQUIPMENT AND CONSTRUCT WORK FROM FIELD DIMENSIONS. CONTRACTOR SHALL MAKE ADJUSTMENTS NECESSARY TO ACCOMMODATE MINOR DEVIATIONS AT NO COST TO OWNER.
2. FINE (LIGHT) LINE WORK INDICATES EXISTING PIPING AND OTHER MECHANICAL EQUIPMENT. BOLD (HEAVY) DASHED LINE WORK INDICATES DEMOLITION SCOPE.

ABBREVIATIONS	DESCRIPTION
ACH	AIR CHANGES PER HOUR
AFF	ABOVE FINISHED FLOOR
AFS	AUTOMATIC FIRE SPRINKLER
AL	ALUMINUM
ALT	ALTERNATE
APD	AIR PRESSURE DROP
BAS	BUILDING AUTOMATION SYSTEM
BHP	BRAKE HORSEPOWER
BOD	BOTTOM OF DUCT
BTUH	BRITISH THERMAL UNITS PER HOUR
CFH	CUBIC FEET per HOUR
CFM	CUBIC FEET per MINUTE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUATION
DB	DRY BULB
DBa	DECIBELS ACOUSTIC
DN	DOWN
DP	DIFFERENTIAL PRESSURE
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EFF	EFFICIENCY
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
FT	FEET
FT WC	FEET WATER COLUMN
FUT	FUTURE
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GYP BD	GYP SUM WALL BOARD
HP	HORSEPOWER
HSPF	HEATING SEASONAL PERFORMANCE FACTOR
HVAC	HEATING, VENTILATING, & AIR CONDITIONING
HZ	HERTZ (CYCLES PER SECOND)
IAQ	INDOOR AIR QUALITY
IE	INVERT ELEVATION
IN	INCHES
IN WC	INCHES WATER COLUMN
IPLV	INTEGRATED PART LOAD VALUE
IW	INDIRECT WASTE
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LWT	LEAVING WATER TEMPERATURE
Ma	MILLIAMPERE
MAX	MAXIMUM
MBH	THOUSAND BTUs per HOUR
MCA	MINIMUM CIRCUIT AMPS
MFGR	MANUFACTURER
MIN	MINIMUM
MCP	MAX. OVERCURRENT PROTECTION
NO	NOISE CRITERIA
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPLV	NON-STANDARD PART LOAD VALUE
NPSH	NET POSITIVE SUCTION HEAD
OFCI	OWNER FURNISHED/ CONTRACTOR INSTALLED
PD	PRESSURE DROP
PH	PHASE
PPH	POUNDS per HOUR
PSI	POUNDS per SQUARE INCH GAUGE
REQD	REQUIRED
RF	RETURN FAN
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS per MINUTE
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SF	SUPPLY FAN
SS	STAINLESS STEEL
STL	STEEL
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
VFD	VARIABLE FREQUENCY DRIVE
WB	WET BULB
WC	WATER COLUMN
WG	WATER GAUGE

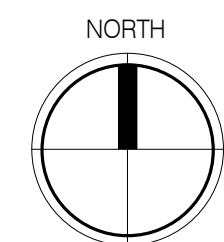
## SHEET INDEX - PLUMBING

P001	LEGEND, GENERAL NOTES & SHEET INDEX
P099	DEMOLITION SITE PLAN - BELOW GRADE
P100	DEMOLITION SITE PLAN



SHEET NOTES:

1. DEMOLISH ALL (E) PLUMBING FIXTURES, EQUIPMENT, PIPING, FITTINGS, APPURTENANCES, & OTHER PLUMBING SYSTEMS INTERIOR TO THE BUILDING & ALL PLUMBING PIPING PENETRATING THROUGH THE FLOOR SLAB & ROOF LOCATED IN THE BUILDING AREAS SHOWN. DEMOLISH ALL WORK THROUGH SLAB TO A DEPTH OF 2'-0" BELOW GRADE. NOTIFY OWNERS AUTHORIZED REPRESENTATIVE IF DEMOLITION IS NEEDED BELOW 2'-0" BELOW GRADE.
2. (E) CONDITIONS INFORMATION SHOWN ON THIS DRAWING REPRESENTS INFORMATION FROM ORIGINAL DOCUMENTS & ON-SITE OBSERVATIONS OF ACCESSIBLE AREAS, & MAY NOT SHOW THE ENTIRE SCOPE OF DEMOLITION WORK. DIFFERENCES IN ACTUAL LOCATIONS & QUANTITIES OF (E) PLUMBING FIXTURES, EQUIPMENT, PIPING, FITTINGS, APPURTENANCES, & OTHER PLUMBING SYSTEMS FROM THE LOCATIONS & QUANTITIES SHOWN ON DEMOLITION DRAWINGS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO PROVIDE COMPLETE DEMOLITION OF PLUMBING SYSTEMS AS NOTED ABOVE.



1

**PLUMBING DEMOLITION SITE PLAN - BELOW GRADE**  
 1" = 20'-0"



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 Springfield, OR 97477  
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 SWE Proj. No. V002.08

**DEMOLITION SET**  
**4J WILLARD SWING SCHOOL**  
 4J SCHOOL DISTRICT  
 2840 LINCOLN ST

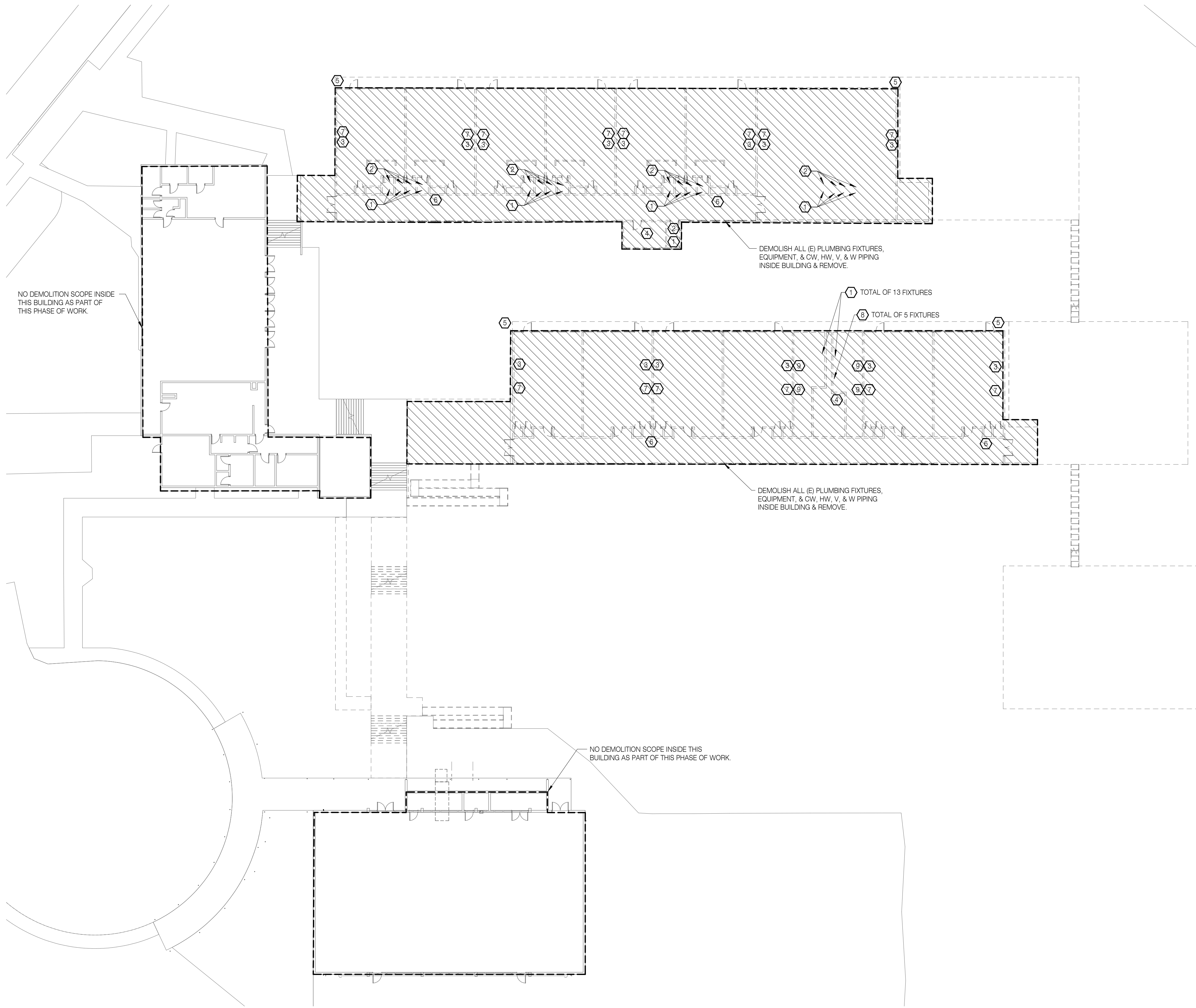
SHEET TITLE:  
**DEMOLITION SITE PLAN - BELOW GRADE**

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**P099**

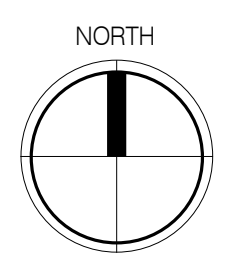


**SHEET NOTES:**

- DEMOLISH ALL (E) PLUMBING FIXTURES, EQUIPMENT, PIPING, FITTINGS, APPURTENANCES, & OTHER PLUMBING SYSTEMS INTERIOR TO THE BUILDING & ALL PLUMBING PIPING PENETRATING THROUGH THE FLOOR SLAB & ROOF LOCATED IN THE BUILDING AREAS SHOWN. DEMOLISH ALL WORK THROUGH SLAB TO A DEPTH OF 2'-0" BELOW GRADE. NOTIFY OWNERS AUTHORIZED REPRESENTATIVE IF DEMOLITION IS NEEDED BELOW 2'-0" BELOW GRADE.
- (E) CONDITIONS INFORMATION SHOWN ON THIS DRAWING REPRESENTS INFORMATION FROM ORIGINAL DOCUMENTS & ON-SITE OBSERVATIONS OF ACCESSIBLE AREAS, & MAY NOT SHOW THE ENTIRE SCOPE OF DEMOLITION WORK. DIFFERENCES IN ACTUAL LOCATIONS & QUANTITIES OF (E) PLUMBING FIXTURES, EQUIPMENT, PIPING, FITTINGS, APPURTENANCES, & OTHER PLUMBING SYSTEMS FROM THE LOCATIONS & QUANTITIES SHOWN ON DEMOLITION DRAWINGS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO PROVIDE COMPLETE DEMOLITION OF PLUMBING SYSTEMS AS NOTED ABOVE.

**REFERENCE NOTES:**

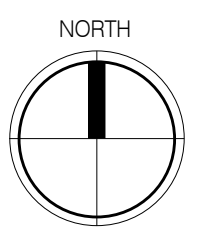
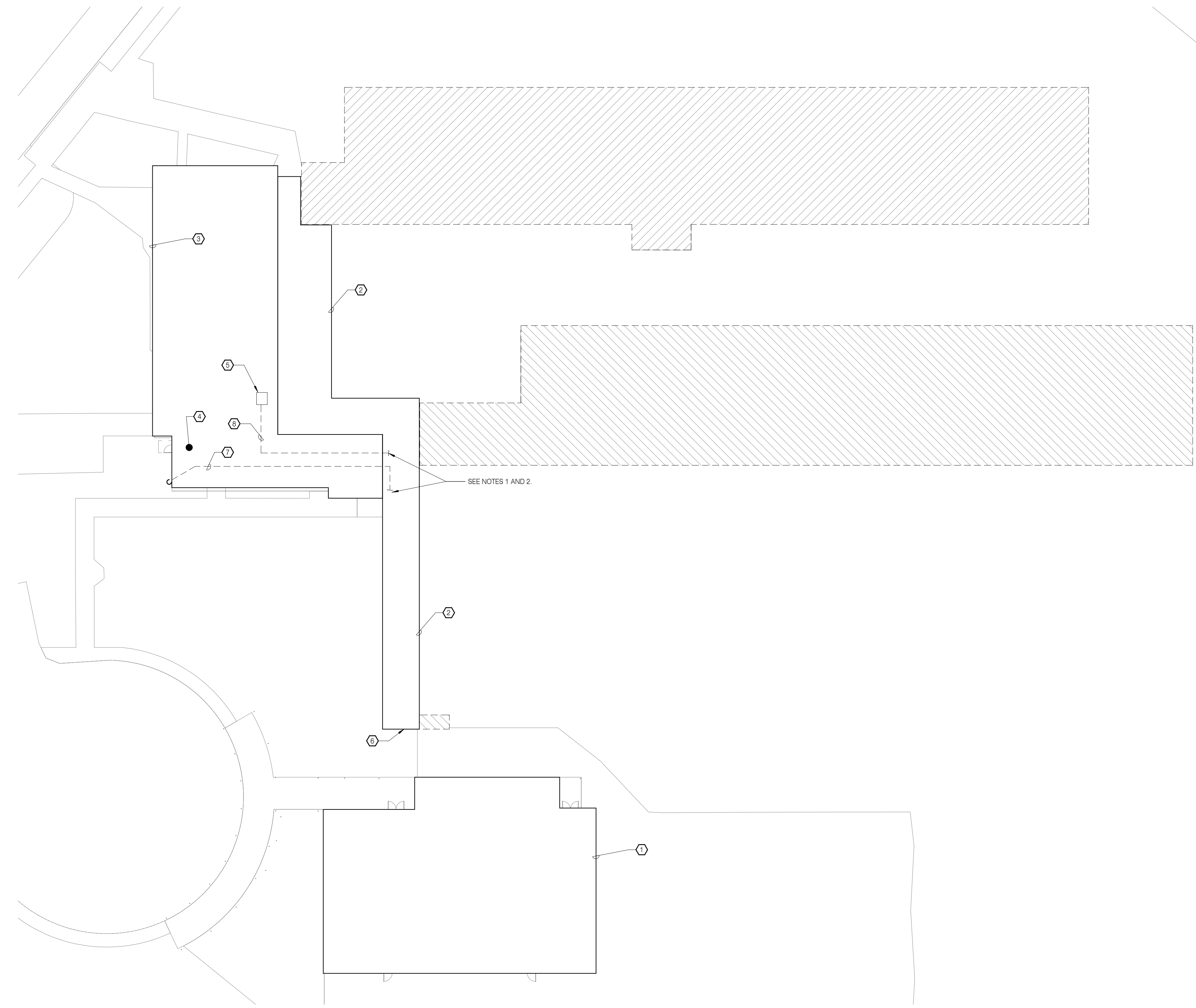
- ① DEMOLISH & REMOVE (E) WC & ASSOCIATED CW, V, & W PIPING.
- ② DEMOLISH & REMOVE (E) LAV & ASSOCIATED CW, HW, V, & W PIPING.
- ③ DEMOLISH & REMOVE (E) CLASSROOM SINK & ASSOCIATED CW, HW, V, & W PIPING.
- ④ DEMOLISH & REMOVE (E) JANITORS SINK & ASSOCIATED CW, HW, V, & W PIPING.
- ⑤ DEMOLISH & REMOVE (E) WALL HYDRANT & ASSOCIATED CW PIPING.
- ⑥ DEMOLISH & REMOVE (E) FIRE HOSE CABINET & ASSOCIATED CW PIPING.
- ⑦ DEMOLISH & REMOVE (E) CLASSROOM DRINKING FOUNTAIN & ASSOCIATED CW, W, & V PIPING.
- ⑧ DEMOLISH & REMOVE (E) UR & ASSOCIATED CW, V, & W PIPING.
- ⑨ DEMOLISH & REMOVE (E) MULTI-STATION LAV & ASSOCIATED CW, HW, V, & W PIPING.



**1** PLUMBING DEMOLITION SITE PLAN  
1" = 20'-0"







**1** ELECTRICAL DEMOLITION SITE PLAN  
 1" = 20'-0"

**REFERENCE NOTES:**

- ① EXISTING GYM BUILDING TO REMAIN. REMOVE EXISTING FEEDERS TO GYM UP TO DELINEATION LINE. SEE NOTE 6.
- ② REMOVE ALL LIGHTS AND BRANCH CIRCUITS ROUTED ON WALKWAY. REMOVE ALL FEEDERS AND BRANCH CIRCUITS ROUTED ON ROOF.
- ③ EXISTING ADMIN BUILDING TO REMAIN. ALL FEEDERS TO BUILDING SCHEDULED FOR DEMOLITION ORIGINATE FROM THIS BUILDING. REMOVE ALL ROOF MOUNTED CONDUITS FEEDING BUILDINGS THAT ARE BEING DEMOLISHED. REMOVE CONDUITS AS NOTED BY NOTES 7 AND 8. CONDUITS THAT ARE ROOF MOUNTED AND FEED ADMIN/CAFETERIA BUILDING SHALL REMAIN UON. REMOVAL OF FEEDER SHALL INCLUDE PULL BOXES AND JUNCTION BOXES.
- ④ LOCATION OF MAIN ELECTRICAL ROOM.
- ⑤ EXISTING J-BOX ON ROOF TO REMAIN. SEAL ALL OPENINGS.
- ⑥ REMOVE CONDUITS TO GYM UP TO THIS LOCATION. CABLING SHALL BE REMOVED TO ITS ENTIRETY.
- ⑦ EXISTING LOW VOLTAGE CONDUIT TO BE REMOVED. CONDUIT CONTINUOUS DOWN FACE OFF BUILDING INTO EXISTING TELECOM ROOM. REMOVE CONDUIT BACK TO SOURCE.
- ⑧ EXISTING POWER CONDUITS TO BE REMOVED.

**SHEET LEGEND:**

- REMOVE ALL ELECTRICAL, LIGHTING, FIRE ALARM AND ALL LOW VOLTAGE SYSTEMS FROM THESE SPACES. ELECTRICAL DEVICES SHALL INCLUDE PANELBOARDS AND TRANSFORMERS IN HATCHED AREA. DEMO ALL WORK THROUGH SLAB AND 2'-0" BELOW GRADE. ALERT OWNER IF DEMOLITION IS NEEDED BELOW THE 2'-0" THRESHOLD.

**PIVOT**  
 ARCHITECTURE



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**E**  
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**E101**