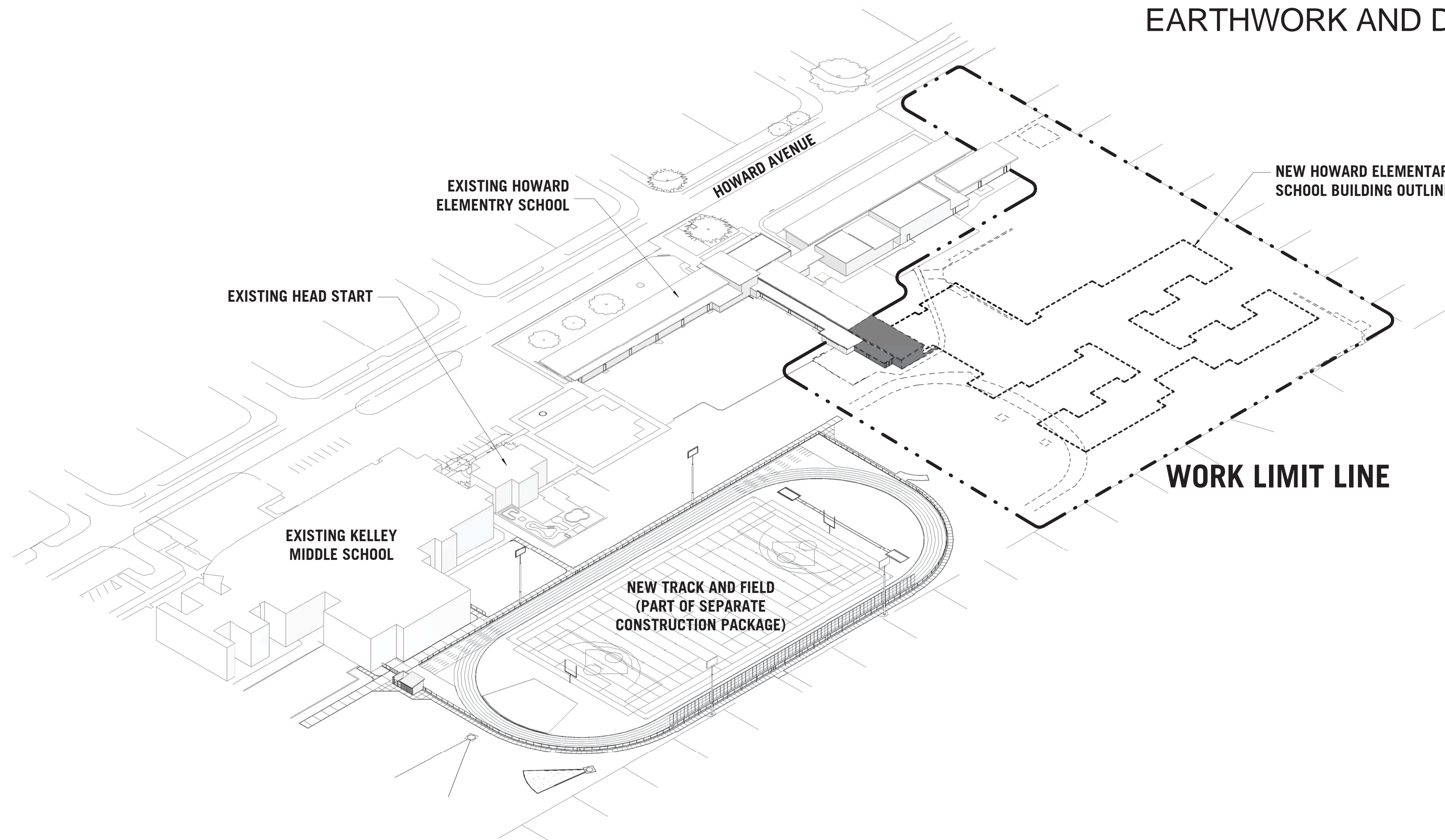


HOWARD ELEMENTARY SCHOOL SITE

700 HOWARD AVE, EUGENE, OREGON 97404

EUGENE SCHOOL DISTRICT

CIP # 410-213-09
EARTHWORK AND DEMOLITION PACKAGE
CONSTRUCTION DOCUMENTS
06/11/2014



ARCHITECTURAL ABBREVIATIONS

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
CPT	CARPET
DBL	DOUBLE
DEM	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
FF	FINISH FLOOR
FIN	FINISH/UNFINISHED
FLR	FLOOR
FO	FACE OF
FRP	FIBER REINFORCED PANEL
FTG	FOOTING
GA	GALVE
GB	GRAB BAR
GLB	GLUE LAM BEAM
GYP BD	GYPSPUM 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	ON THE HAND
OPNG	OPENING
OPF	OPENING FINISH
P LAM	PLASTIC LAMINATE
PS	PRESSURE TREATED
PT	PAINTED
PTD	PLYWOOD
PLY	PLYWOOD
R	RADIUS
RB	RUBBER BASE
RD	ROOF DRAIN
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RUB	RUBBER
SD	STORM DRAIN
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATIONS
SQFT, SF	SQUARE FOOT
S STL	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUC	STRUCTURAL
T&B	TOP & BOTTOM
T&G	TONGUE AND GROOVE
TEMP	TEMPERED, TEMPORARY
TO	TOP OF
TOC	TOP OF CONCRETE
TOW	TOP OF WALL
TOS	TOP OF STRUCTURE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VFY	VERIFY
WA	WALL ASSEMBLY
W	WITH
WD	WOOD
WP	WATER PROOF

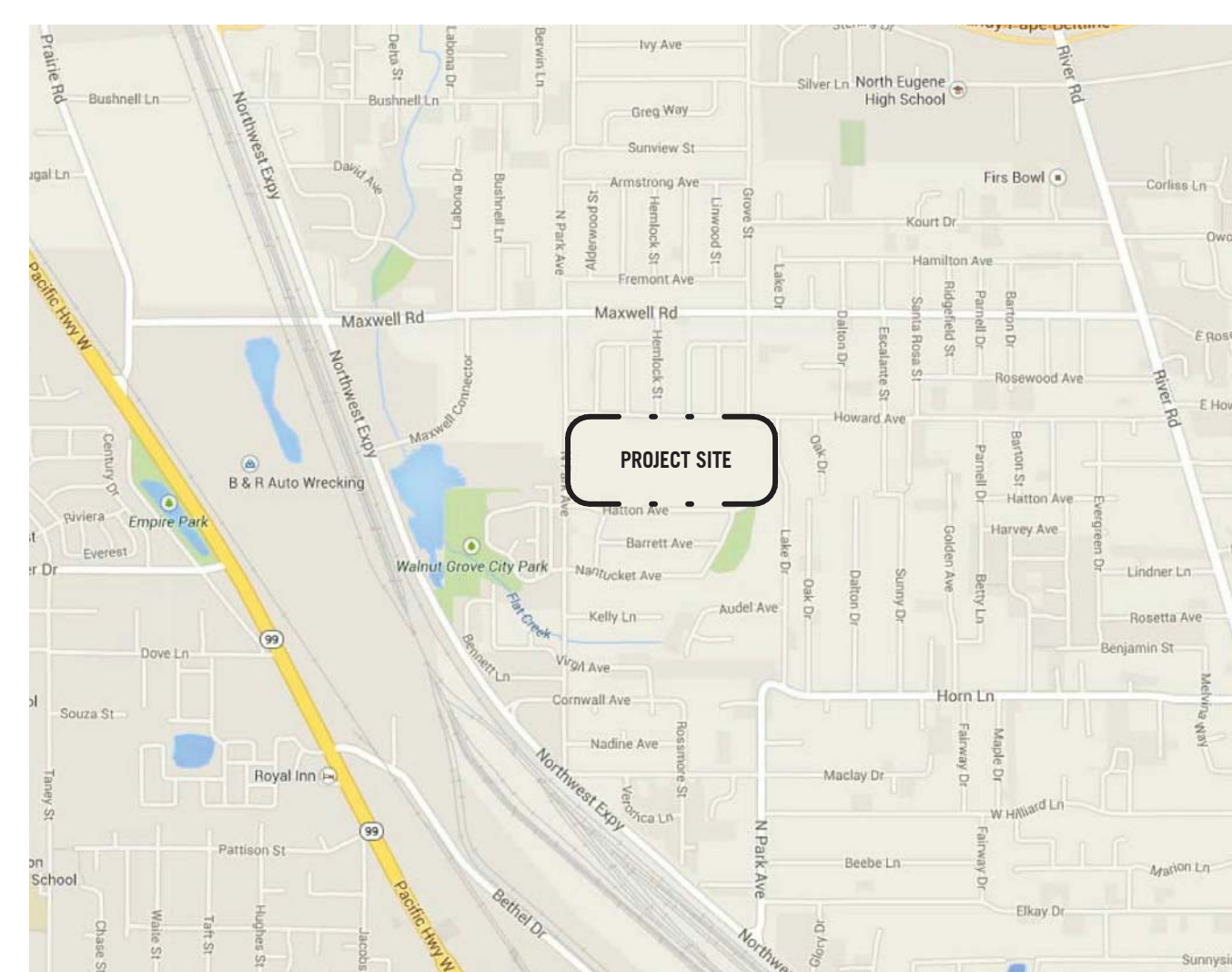
ARCHITECTURAL SYMBOLS

	BUILDING ELEVATION		STOREFRONT SYMBOL
	INTERIOR ELEVATION		DOOR SYMBOL
	BUILDING SECTION		CEILING HEIGHT SYMBOL
	WALL SECTION		WALL ASSEMBLIES
	DETAIL CALLOUT		SPECIFICATION KEYNOTE
	DETAIL SECTION		KEYNOTE
	VERTICAL ELEVATION		
	ROOM NAME & NUMBER		
	WINDOW SYMBOL		

PROJECT TEAM

OWNER 4J EUGENE SCHOOL DISTRICT 715 W 4TH AVENUE EUGENE, OR 97402 PHONE: (541) 790-7417 FAX: (541) 790-7420 CONTACT: DON PHILPOT
ARCHITECT OF RECORD PIVOT ARCHITECTURE PC 44 WEST BROADWAY, SUITE 300 EUGENE, OR 97401 PHONE: (541) 342-7291 FAX: (541) 342-1535 CONTACT: CURT WILSON
STRUCTURAL ENGINEER HOBBACH-LEWIN, INC. 286 E 5TH AVE EUGENE, OR 97401 PHONE: (541) 349-1701 FAX: (541) 349-1702 CONTACT: VIKKI BOURCIER
CIVIL ENGINEER BALZHISER & HUBBARD ENGINEERS 100 W 13TH AVENUE, #100 EUGENE, OR 97401 PHONE: (541) 686-8478 FAX: (541) 345-5303 CONTACT: MONICA ANDERSON
MECHANICAL/PLUMBING ENGINEER PAE CONSULTING ENGINEERS, INC. 522 SW 5TH AVENUE, #1500 PORTLAND, OR 97204 PHONE: (503) 226-2921 FAX: (503) 226-2930 CONTACT: JACK YOUSEY
ELECTRICAL ENGINEER PAE CONSULTING ENGINEERS, INC. 522 SW 5TH AVENUE, #1500 PORTLAND, OR 97204 PHONE: (503) 226-2921 FAX: (503) 226-2930 CONTACT: MIKE WARE

VICINITY MAP



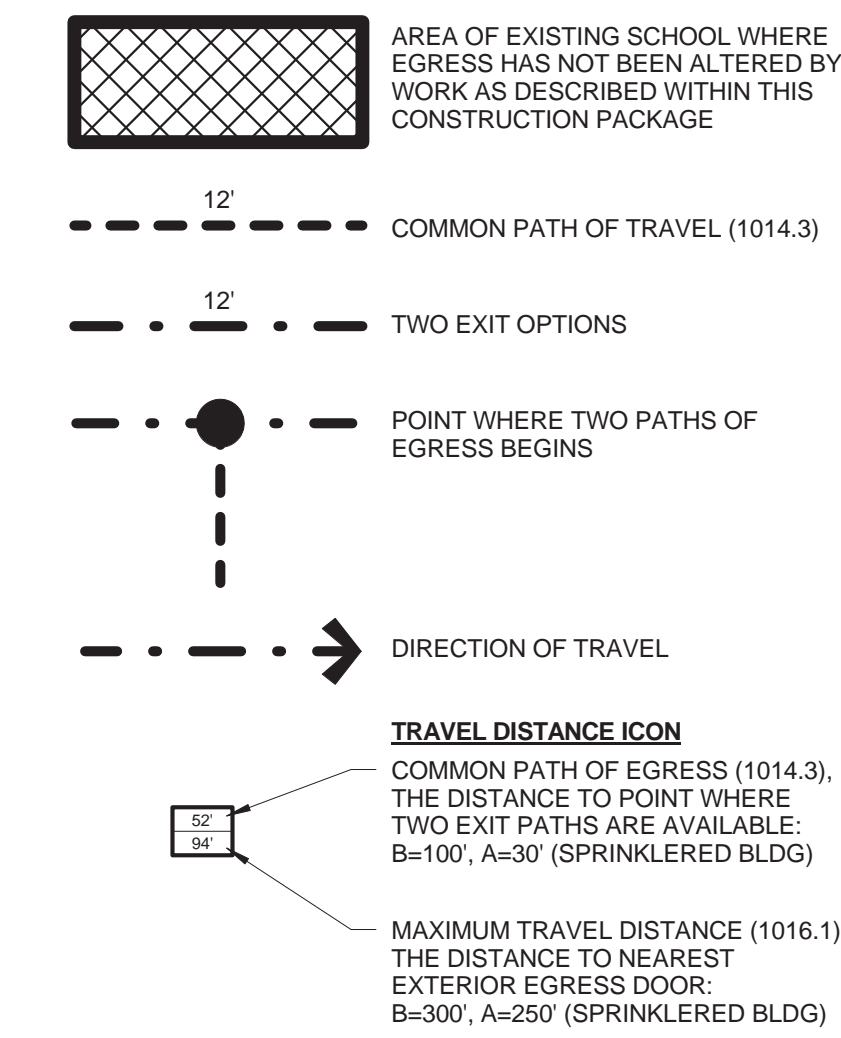
SHEET INDEX

GENERAL G000 G001 G021 G022	TITLE SHEET CODE INFORMATION TOPOGRAPHICAL SURVEY - WEST TOPOGRAPHICAL SURVEY - EAST
CIVIL C001 C002 C003	EROSION AND SEDIMENT CONTROL PLAN EROSION AND SEDIMENT CONTROL NOTES AND DETAILS SITE EARTHWORK DIAGRAM
DEMOLITION D001 D101	DEMOLITION SITE PLAN DEMOLITION FLOOR PLAN AND SECTION
ARCHITECTURAL A001 A101 A321	SITE PLAN FLOOR PLAN AND WALL SECTIONS BUILDING AND SITE DETAILS
STRUCTURAL S011	OVERALL BUILDING PAD PLAN

GENERAL NOTES

- A. DUE TO THE REMOVAL OF TWO CLASSROOMS AT THE SOUTH WING, THE OVERALL BUILDING OCCUPANT LOAD HAS BEEN DECREASED, MINUS THE SOUTH WING AREA. NO OTHER CHANGES TO THE OCCUPANT LOAD OR EXISTING EGRESS PATHS WILL BE MADE. BECAUSE OF THIS, EGRESS INFORMATION WITHIN THE HATCHED REGION IS NOT SHOWN AS IT'S ASSUMED IT'S NOT REQUIRED. CHANGES TO THE EXISTING EXTING SYSTEM IS ASSUMED NOT REQUIRED.
- B. THE PARTIAL DEMOLITION AND TEMPORARY REPAIRS TO THE BUILDING ARE TEMPORARY MEASURES. THE PURPOSE IS TO MAKE ROOM FOR A NEW ELEMENTARY SCHOOL. THE TEMPORARY REPAIRS WOULD REMAIN IN PLACE FOR APPROXIMATELY ONE YEAR AT WHICH TIME THE EXISTING SCHOOL WOULD BE DEMOLISHED.

EGRESS LEGEND

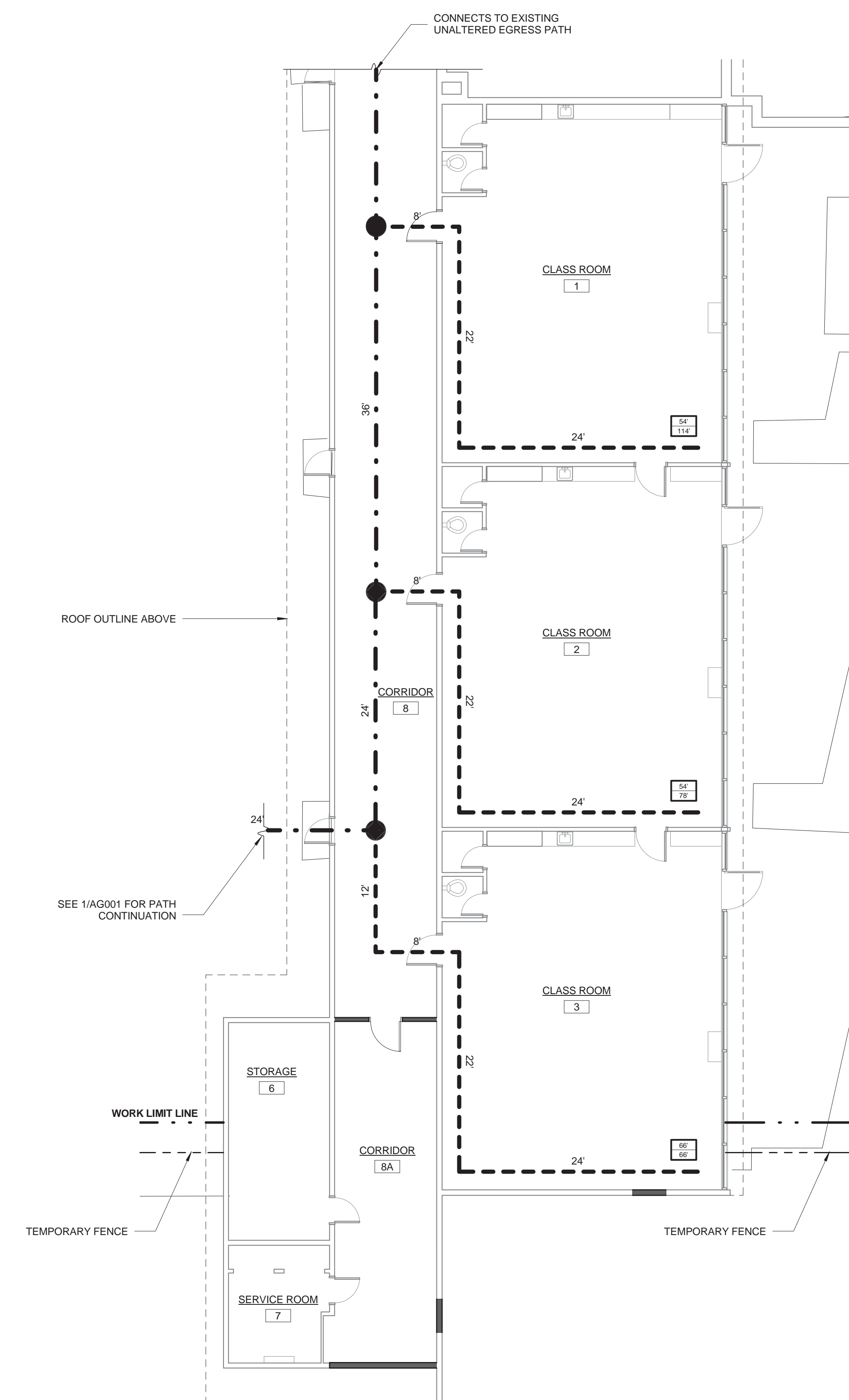


CODE INFORMATION

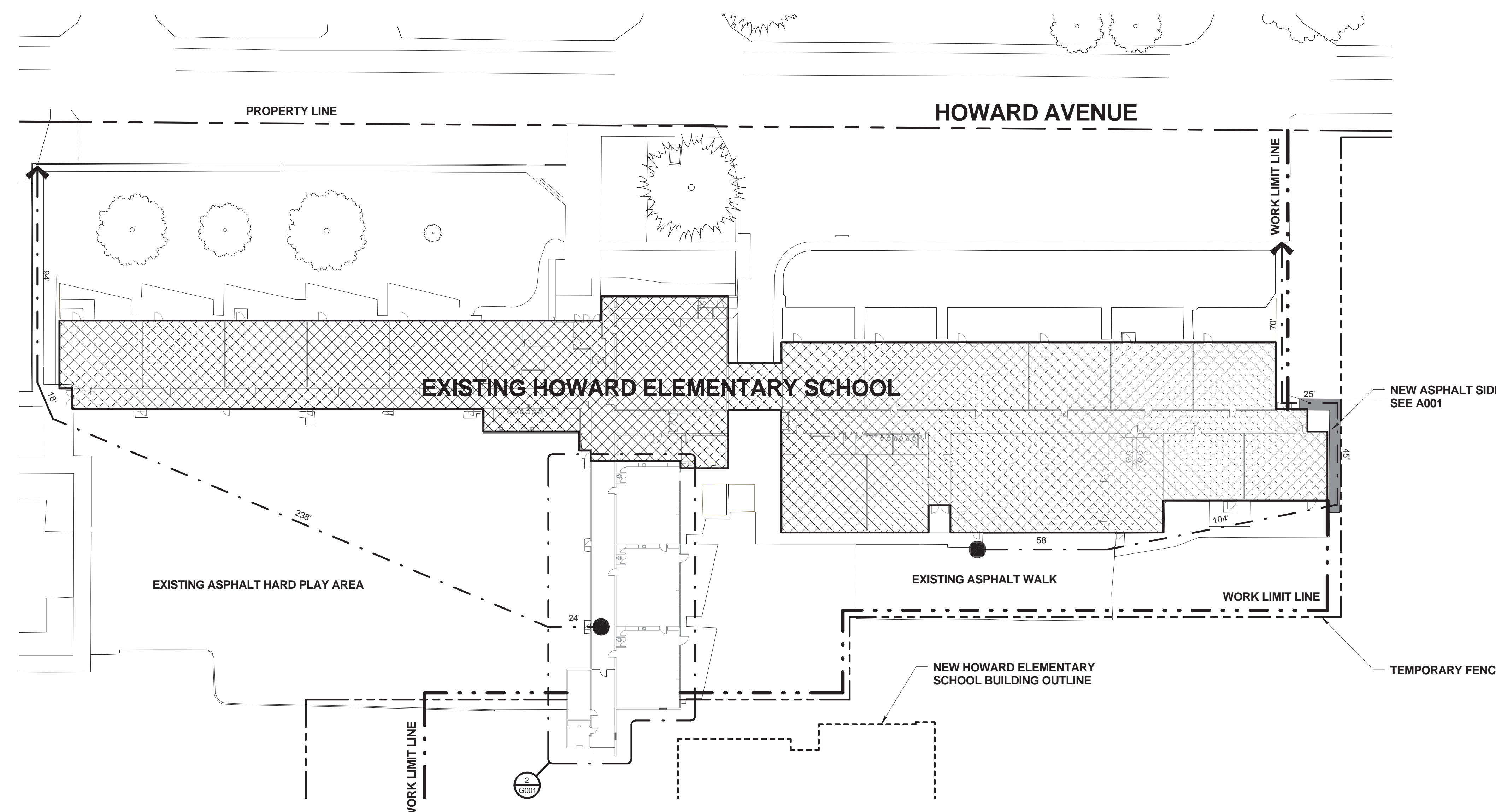
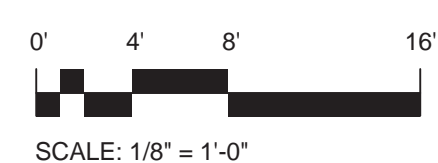
DEMOLITION BUILDING AREA = 2,555 SF

IMPERVIOUS AREA REMOVED:
ASPHALT/CONCRETE HARDSCAPE AREA = 4,695 SF
ROOF AREA = 2,958 SF
TOTAL IMPERVIOUS AREA REMOVED = 7,653 SF

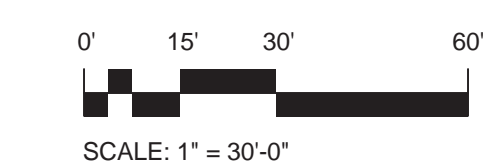
PLUMBING FIXTURES REMOVED:
WATER CLOSETS - 2
SINKS - 2
WATER FOUNTAINS - 1
TOTAL PLUMBING FIXTURES REMOVED = 4



2 PARTIAL FIRST FLOOR EGRESS PLAN
1/8" = 1'-0"

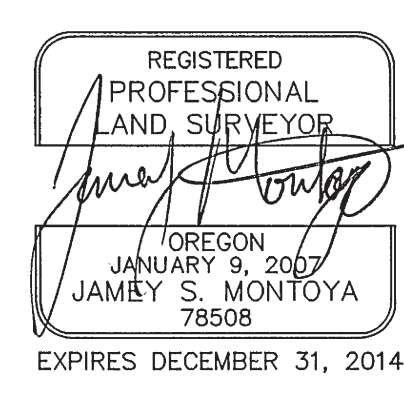
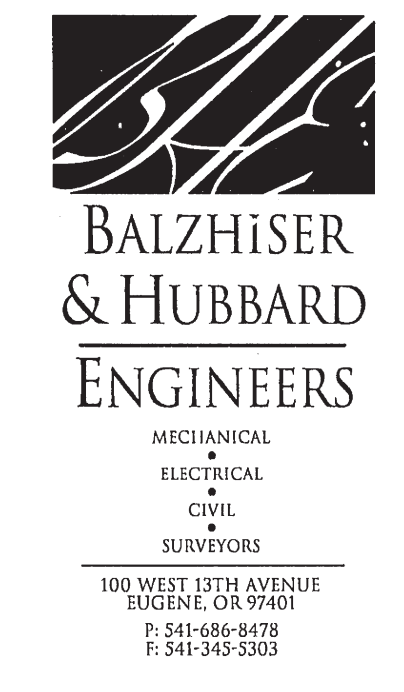


1 PARTIAL SITE EGRESS PLAN
1" = 30'-0"



PROJECT #	1336	PERSON	
ISSUE DATE	06/10/2014	AD	
DESIGN		AD	
CHECKED		CW	

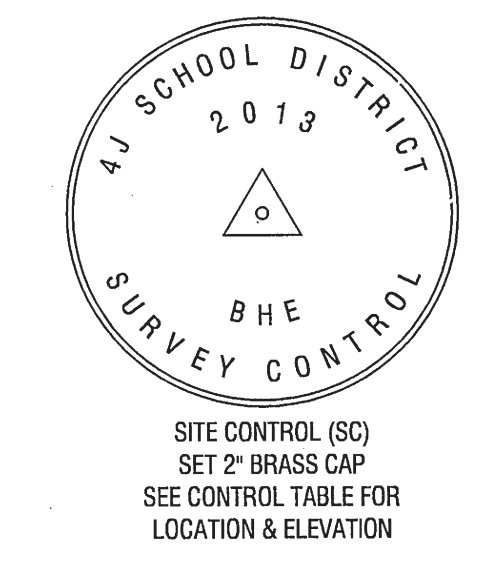
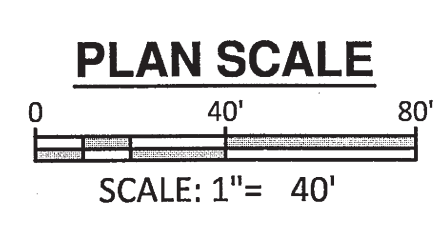
TOPOGRAPHIC SURVEY
FOR
4J SCHOOL DISTRICT
 LYING IN
SW 1/4 OF SEC. 14
TOWNSHIP 17S, RANGE 4W, W.M.
CITY OF EUGENE
LANE COUNTY, OREGON
SEPT 2013



SITE CONTROL (SC)

Point #	Northing	Easting	Elevation	Description
41	122846.33	170005.57	396.77	SET BRASS CAP
42	122889.35	170754.67	396.19	SET BRASS CAP
43	122818.47	171604.16	395.63	SET BRASS CAP

NOTE: NOT ALL CONTROL POINTS SHOWN ON THIS SHEET



- NOTES:**
- THE BENCHMARK USED FOR THIS SURVEY WAS CITY OF EUGENE BENCHMARK RR0899 WITH A PUBLISHED ELEVATION OF 395.68' (NAVD 88 DATUM).
 - THIS SURVEY IS BASED UPON THE OREGON COORDINATE REFERENCE SYSTEM, EUGENE ZONE. ALL DISTANCES ARE GROUND DISTANCES AND ARE EXPRESSED IN INTERNATIONAL FEET. SEE SURVEY METADATA FOR MORE INFORMATION.
 - THE EXTERNAL BOUNDARY WAS HELD AS SHOWN ON LANE COUNTY SURVEY NO. 31670.
 - UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON ABOVE GROUND VISIBLE EVIDENCE ALONG WITH LOCATE MARKS AND RECORD INFORMATION. RECORD INFORMATION IS NOTED AS SUCH ON THE DRAWING. THE ACCURACY OF UNDERGROUND LOCATES AND RECORD INFORMATION MAY VARY. CRITICAL UTILITY LOCATIONS SHOULD BE EXPOSED AND LOCATED FOR HIGHEST ACCURACY.
 - THE SUBJECT PROPERTY IS SUBJECT TO THE FOLLOWING DEED MATTERS LISTED IN A TITLE REPORT FROM FIRST AMERICAN TITLE COMPANY OF OREGON, WITH A DATE OF AUGUST 2, 2013, ORDER NO. 7199-2132015:
 - A. EASEMENT INCLUDING THE TERMS AND PROVISIONS THEREOF, IN FAVOR OF THE CITY OF EUGENE, AS RECORDED ON JULY 26, 1988, AS RECEPTION NO. 33168. THIS EASEMENT IS SHOWN HEREON.

SITE INFO

OWNER: SCHOOL DISTRICT 4J, LANE COUNTY, OREGON, A MUNICIPAL CORPORATION
 MAP: 17-04-14-34
 TAX LOT: 100
 DEED: LANE COUNTY DEED BOOK 291, PAGE 366
 ADDRESS: KELLEY MIDDLE SCHOOL, 850 HOWARD AVE, EUGENE OR 97404
 HOWARD ELEMENTARY SCHOOL, 700 HOWARD AVE, EUGENE OR 97404

SURVEY METADATA

LINEAR UNIT: INTERNATIONAL FOOT
 GEODETIC DATUM: NORTH AMERICAN DATUM OF 1983 (2011) EPOCH2010
 SYSTEM: OREGON COORDINATE REFERENCE SYSTEM
 ZONE: EUGENE
 PROJECTION: TRANSVERSE MERCATOR

LATITUDE OF GRID ORIGIN: 43°45'00" N
 CENTRAL MERIDIAN: 123°10'00" W
 FALSE NORTING: 0.000 m
 FALSE EASTING: 50000.000 m
 CENTRAL MERIDIAN SCALE: 1.000015 (EXACT)

ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GRID VALUES BASED ON THE PRECEDING PROJECTION DEFINITION.
 THE BASIS OF BEARINGS IS GEODETIC NORTH. NOTE THAT THE GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

PROJECT TITLE
EUGENE SCHOOL DISTRICT 4J
HOWARD MIDDLE & KELLEY ELEMENTARY SCHOOL CAMPUS
 700 & 850 HOWARD AVE, EUGENE, OR

SHEET TITLE
TOPOGRAPHY SURVEY

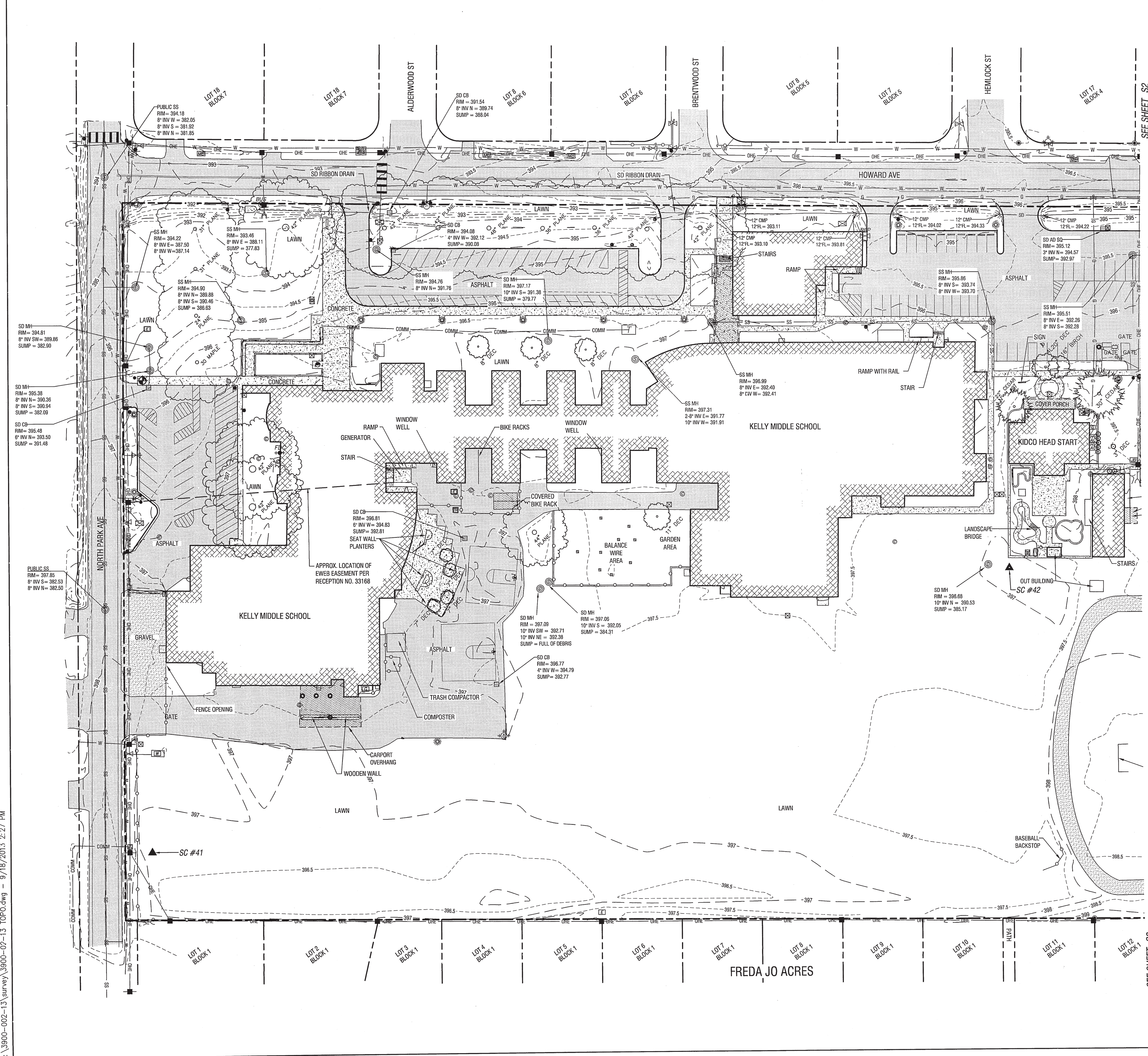
DATE ISSUED: 09/10/2013
 LAST REVISION: 09/18/2013

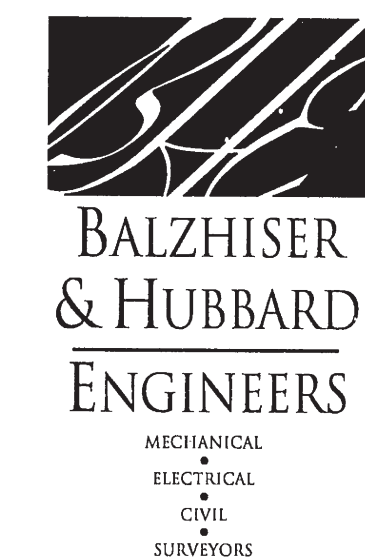
DRAFTING: JSM / ASD
 FIELD: APD / HDM

PROJECT: 3900-002-13

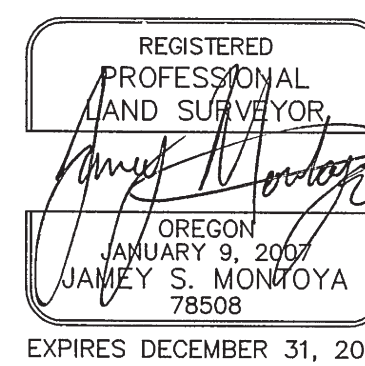
FILENAME: 3900-02-13 TOPO.dwg

SHEET No. SHEET 1 OF 2





BALZHISER & HUBBARD ENGINEERS
MECHANICAL ELECTRICAL CIVIL SURVEYORS
100 WEST 15TH AVENUE
EUGENE, OR 97401
P: 541-646-8478
F: 541-646-3903



PROJECT TITLE
**EUGENE SCHOOL DISTRICT 4J
HOWARD MIDDLE & KELLEY ELEMENTARY SCHOOL CAMPUS**
700 & 850 HOWARD AVE, EUGENE, OR

SHEET TITLE
TOPOGRAPHY SURVEY

DATE ISSUED: 09/10/2013
LAST REVISION: 09/18/2013
DRAFTING JSM / ASD FIELD APD / HDM
PROJECT 3900-002-13
FILENAME 3900-02-13 TOPO.dwg
SHEET No.
SHEET 2 OF 2

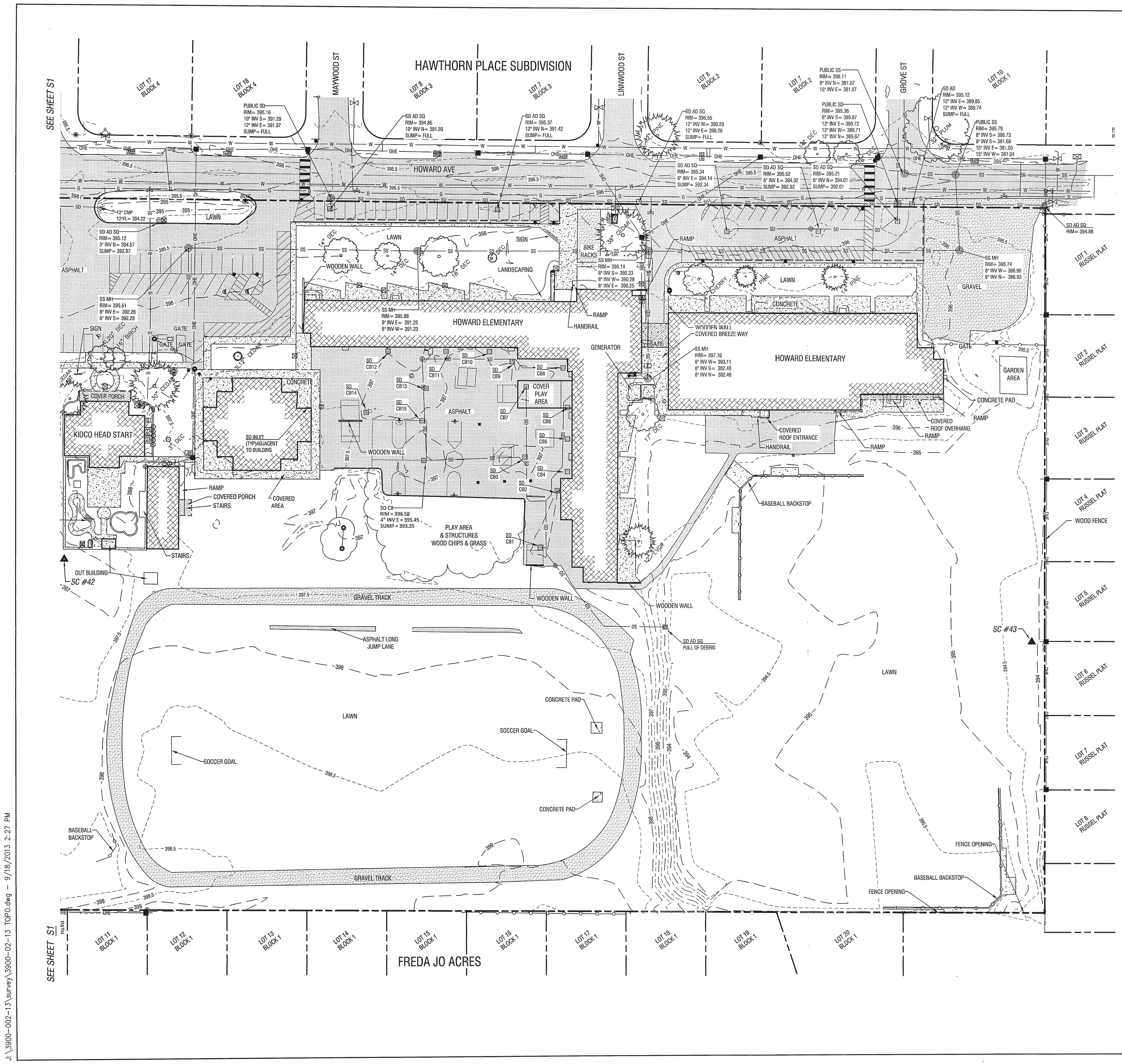
PLAN SCALE
0 40' 80'
SCALE: 1" = 40'

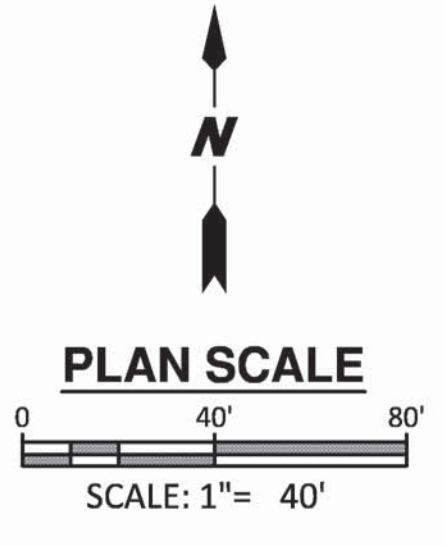
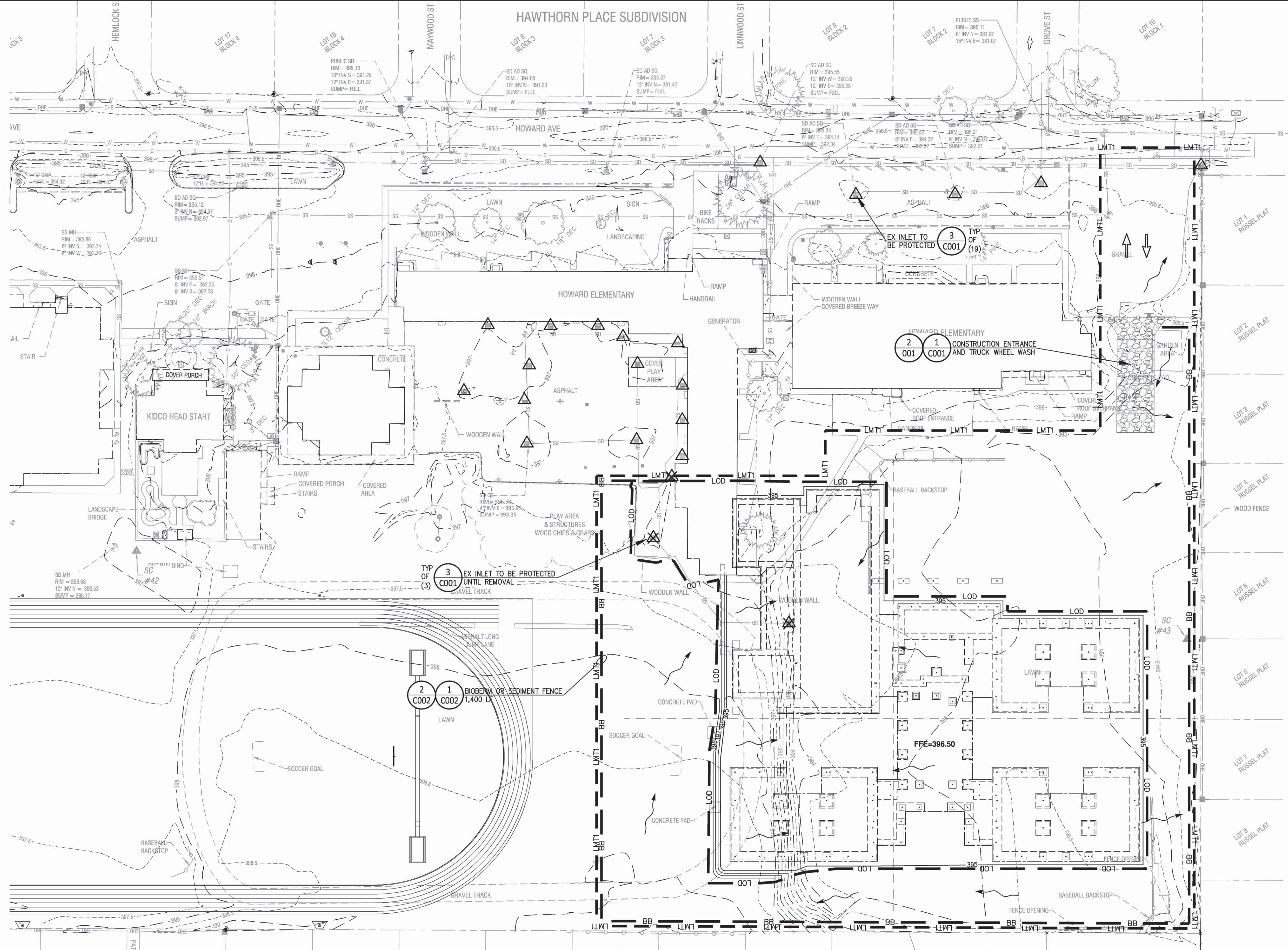
SYMBOL LEGEND

- WATER VALVE
 - WATER METER
 - IRRIGATION VALVE
 - WATER VAULT
 - BACK FLOW PREVENTER
 - FIRE HYDRANT
 - FIRE DEPARTMENT CONNECTION
 - AREA DRAIN (SQUARE)
 - STORMDRAIN MANHOLE
 - UTILITY POLE
 - GUY ANCHOR
 - LIGHT POLE
 - LIGHT POLE WITH ARM
 - ELECTRIC METER
 - ELECTRIC RISER
 - ELECTRIC TRANSFORMER
 - ELECTRIC VAULT
 - TELEPHONE RISER
 - TELEPHONE VAULT
 - HEAT PUMP
 - JUNCTION BOX
 - ARBORVITAE
 - METAL BASKETBALL HOOP POLE
 - SIGN
 - BOLLARD
 - WOOD POST
 - FLAG POLE
 - POLE
 - MAIL BOX
 - ADA PARKING
 - CONIFEROUS TREE
 - BROADLEAF TREE
 - COMMUNICATIONS
 - CORRUGATED METAL PIPE
 - ELECTRIC
 - SANITARY SEWER
 - SQUARE AREA DRAIN
 - STORMWATER
 - GAS METER
 - GAS VALVE
 - SEWER MANHOLE
 - CLEANOUT
 - METAL POST
- SET PERMANENT SITE CONTROL (SC)
REFER TO DETAIL AND BENCHMARK TABLE
FOUND CITY BENCHMARK (BM)
- PROPERTY LINE
 - DENOTES BUILDING OVERHEAD
 - EASEMENT LINE
 - 1.0' CONTOUR INTERVAL
 - 0.5' CONTOUR INTERVAL
 - HATCH DENOTES BUILDING
 - HATCH DENOTES BUILDING OVERHANG
 - HATCH DENOTES ASPHALT PAVEMENT
 - HATCH DENOTES CONCRETE
 - HATCH DENOTES GRAVEL
 - PAVEMENT PAINT STRIPE
 - CHAIN LINK FENCE
 - UNDERGROUND WATER LINE
 - UNDERGROUND STORMDRAIN LINE
 - UNDERGROUND SANITARY SEWER LINE
 - UNDERGROUND GAS LINE
 - UNDERGROUND COMM LINE
 - OVERHEAD COMBINED UTILITY LINE

STORM DRAIN STRUCTURE TABLE

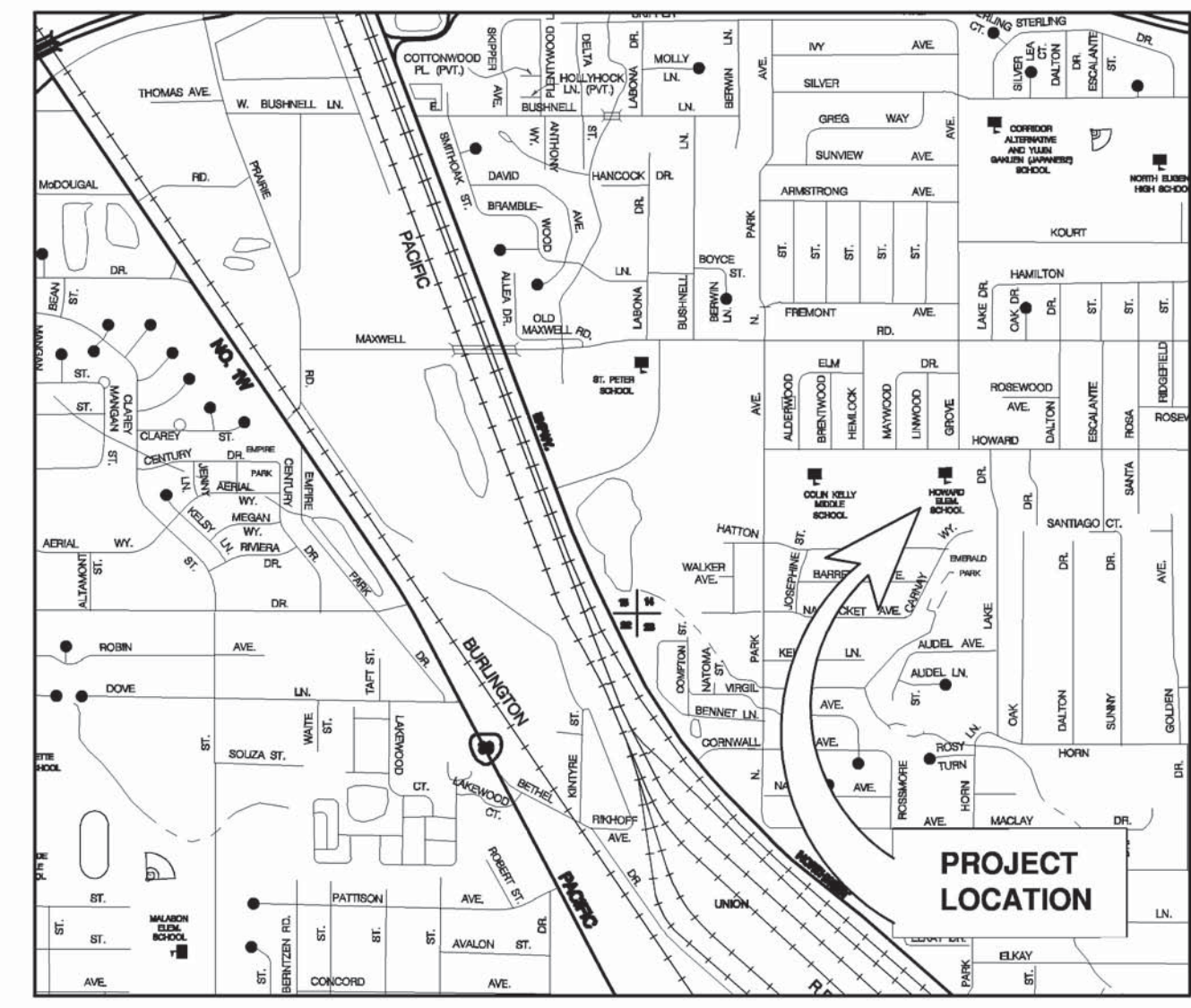
SD CB 1 RIM = 396.78 6" INV E = 394.03 SUMP = 393.58	SD CB 6 RIM = 397.04 4" INV S = 396.29 SUMP = 395.59	SD CB 11 RIM = 396.92 4" INV S = 396.17 SUMP = 395.87
SD CB 2 RIM = 397.00 4" INV W = 396.25 SUMP = 395.95	SD CB 7 RIM = 396.66 4" INV S = 395.41 SUMP = 3.46	SD CB 12 RIM = 397.03 4" INV S = 396.28 SUMP = 395.98
SD CB 3 RIM = 396.57 4" INV W = 395.32 SUMP = 393.37	SD CB 8 RIM = 397.11 4" INV N = 396.36 SUMP = 396.06	SD CB 13 RIM = 396.69 4" INV W = 395.44 SUMP = 393.49
SD CB 4 RIM = 397.08 4" INV N = 396.33 SUMP = 396.02	SD CB 9 RIM = 396.98 4" INV W = 396.23 SUMP = 395.48	SD CB 14 RIM = 396.46 4" INV E = 395.21 SUMP = 393.26
SD CB 5 RIM = 397.17 4" INV W = 396.42 SUMP = 396.12	SD CB 10 RIM = 396.88 4" INV E = 396.13 SUMP = 395.83	SD CB 15 RIM = 397.13 4" INV S = 395.42 4" INV N = 395.41 SUMP = 393.93





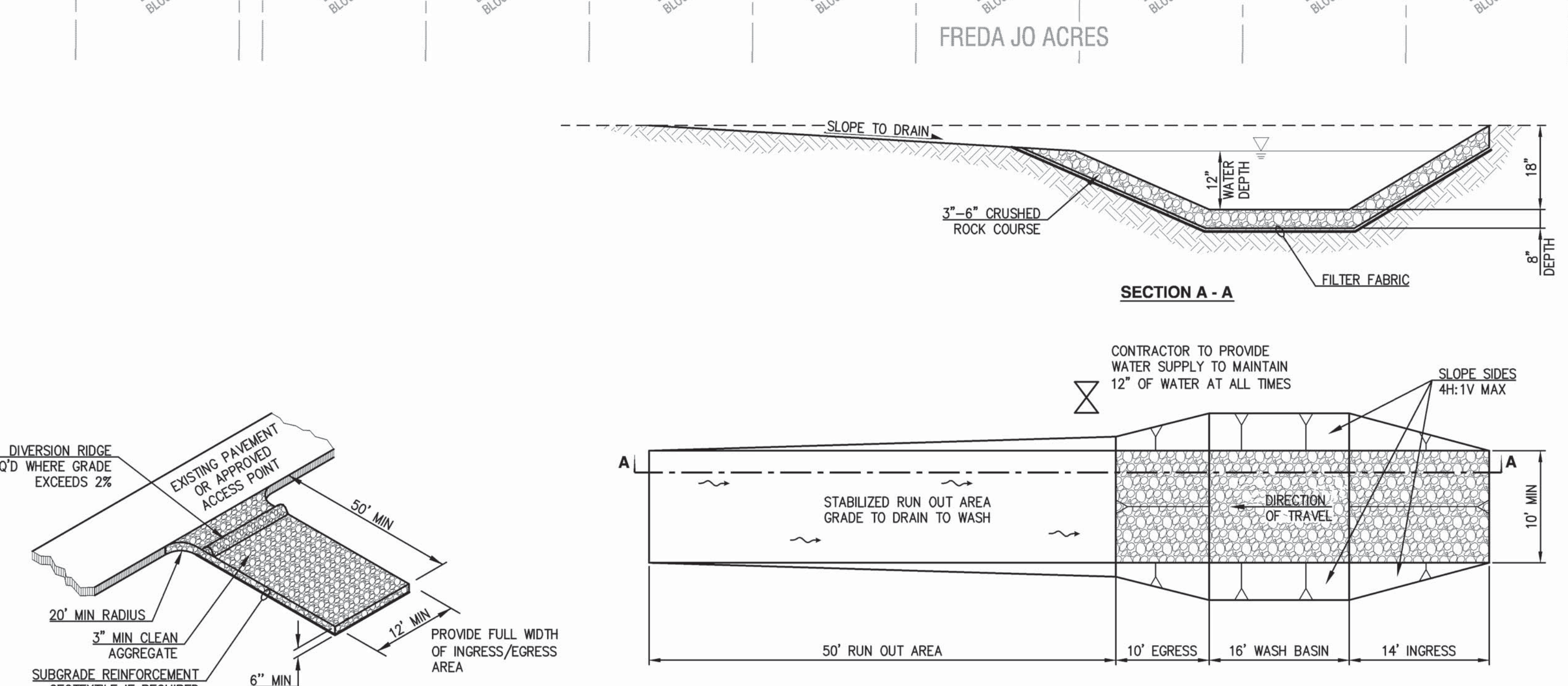
SHEET NOTES
1. REFER TO SHEET C003 FOR LEGENDS AND GENERAL NOTES.

EROSION SEDIMENTATION CONTROL LEGEND	
	EXISTING CONTOUR ELEVATION - MAJOR
	EXISTING CONTOUR ELEVATION - MINOR
	NEW CONTOUR ELEVATION - MAJOR
	NEW CONTOUR ELEVATION - MINOR
	APPROXIMATE LIMITS OF PACKAGE 1 CONSTRUCTION
	APPROXIMATE LIMITS OF MAJOR SOIL DISTURBANCE
	CONTINUOUS BIO BERM/SEDIMENT FENCING
	EXISTING DRAINAGE FLOW PATTERN
	EXISTING INLET TO BE PROTECTED
	EXISTING INLET TO BE REMOVED
	CONSTRUCTION TRAFFIC ACCESS ROUTING
	EROSION SEDIMENTATION CONTROL

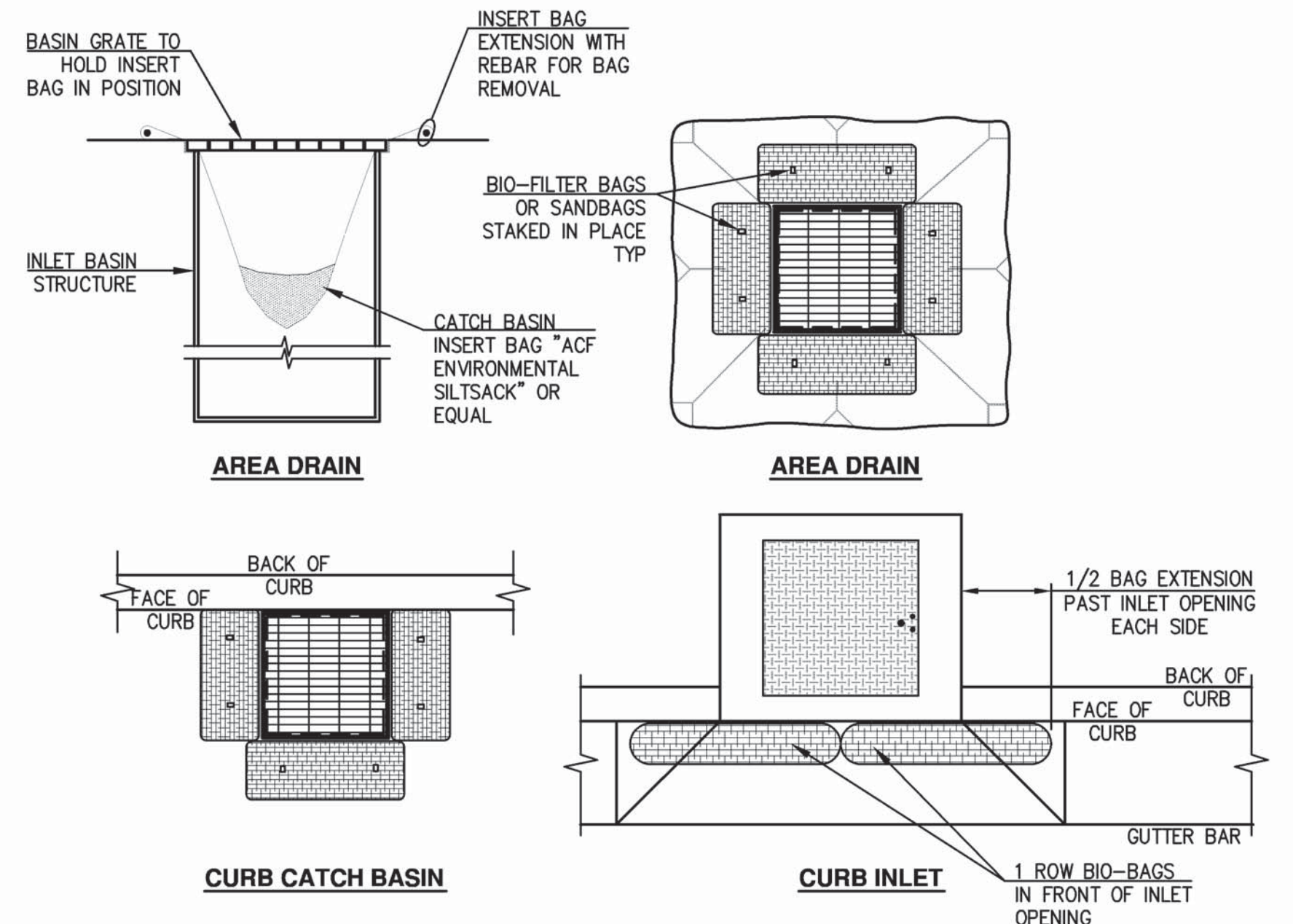


PROPERTY/SITE DESCRIPTION
NO SCALE
TAX LOT 100 (LANE COUNTY TAX MAP 17-04-14-34) LOCATED IN THE SW 1/4 OF SECTION 14, TOWNSHIP 17 SOUTH, RANGE 4 WEST WILLAMETTE MERIDIAN LANE COUNTY, OREGON
TOTAL SITE AREA = 23.1 ACRES
TOTAL DISTURBED AREA = 4.7 ACRES

PROJECT LOCATION
NO SCALE
LANE COUNTY, OREGON
LATITUDE = 44.0871°
LONGITUDE = -123.1383°



NOTES
1. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS IN TO AN APPROVED SEDIMENT TRAP OR BASIN.
2. CONTRACTOR TO REMOVE ACCUMULATED SEDIMENT FROM BOTTOM OF BASIN AND TO ENSURE WASH WATER COLLECTION AND TREATMENT IS FUNCTIONING.



NOTES
1. PRIOR TO 1st PAVEMENT LIFT, REMOVE BIO-BAG/SANDBAG BARRIERS AND INSTALL BASIN INSERT BAG OR CURB INLET SEDIMENT DAM AT ALL INLET STRUCTURES.

1 STABILIZED CONSTRUCTION ENTRANCE
No Scale

2 TRUCK WHEEL WASH
No Scale

3 DRAINAGE INLET STRUCTURE PROTECTION
No Scale

DEVELOPER/OWNER

EUGENE SCHOOL DISTRICT 4J
CONTACT: BEN BRANTLEY
200 N. MONROE STREET
EUGENE, OR 97402
PHONE: 541-790-7700
FAX: 541-790-7711

ENGINEERING/SURVEYING FIRM

BALZHISER & HUBBARD ENGINEERS, INC
CONTACT: MONICA ANDERSON
100 W 13TH AVE
EUGENE, OR 97401
PHONE: 541-686-3478
FAX: 541-345-5303

NARRATIVE DESCRIPTIONS

EXISTING SITE CONDITIONS
SITE CONSISTS OF 2.31 ACRES OF DEVELOPED LAND WITH SLOPES RANGING FROM 0 TO 3 PERCENT. THE EXISTING VEGETATION IS MADE UP OF TREES, SHRUBS, AND VARIOUS GRASSES.

DEVELOPED CONDITIONS
NEW ELEMENTARY SCHOOL WITH ASSOCIATED PARKING, PLAY AREAS AND SITE UTILITIES.

SITE SOIL CLASSIFICATION
(PER SOIL SURVEY OF LANE COUNTY AREA, OREGON)
7% MALABON-URBAN LAND COMPLEX, DEEP AND WELL DRAINED.

RECEIVING WATER BODIES
AT CHANNEL VIA LANE COUNTY OWNED PIPED STORM DRAINAGE.

GENERAL EROSION SEDIMENTATION CONTROL (ESC) NOTES

- STOCK PILES
1. STOCK PILES OF NATIVE SOILS AND/OR FILL MATERIALS SHALL NOT BE EXPOSED TO THE WEATHER WITHOUT PROVISIONS OF SECONDARY CONTAINMENT AND TREATMENT MEASURES AS OUTLINED BELOW.
2. SECONDARY CONTAINMENT SHALL CONSIST OF INSTALLED BIO BERM AND/OR CONTAINMENT DITCH AT TOE OF SLOPE AROUND STOCKPILE PERIMETER. BERM AND/OR DITCH SHALL BE OF SUFFICIENT SIZE TO CONTAIN STOCKPILED MATERIALS IN PLACE.
3. STOCK PILES ON SITE DURING WET WEATHER SEASON (OCTOBER 15 THROUGH APRIL 30) SHALL BE COVERED WITH 6 MIL (MIN. THICKNESS) POLYETHYLENE PLASTIC SHEETING. SHEETING SHALL BE INSTALLED AND MAINTAINED TIGHTLY IN PLACE USING APPROVED ANCHORING SYSTEM ON A 10' (MAX) GRID SPACING IN ALL DIRECTIONS. ALL SEAMS BETWEEN ADJACENT SHEETS SHALL BE LAPPED 12" (MIN) AND TAPPED OR WEIGHTED DOWN FULL LENGTH OF SEAM. FOR SEAMS PARALLEL TO THE SLOPE, THE UPHILL SHEET SHALL OVERLAP THE DOWNHILL SHEET. NO RUNOFF SHALL BE ALLOWED TO RUN UNDER THE PLASTIC COVERING.
4. DEMOLITION AND/OR CONSTRUCTION DEBRIS, WASTE AND GARBAGE PILES OR CONSTRUCTION MATERIALS CONTAINING TOXIC CONTAMINANTS SHALL NOT BE PLACED WITHIN 25 FEET OF ANY NATURAL DRAINAGE FEATURE, STORM DRAIN INLET STRUCTURE OR DESIGNATED PROTECTED AREA.
5. LOCATION OF CONSTRUCTION MATERIAL STORAGE AREAS AND DEBRIS, WASTE AND GARBAGE PILE AREAS SHALL BE PROVIDED BY THE CONTRACTOR TO THE CITY AT THE TIME OF THE INITIAL ESC CONTROL INSPECTION.
STABILIZED CONSTRUCTION ENTRANCE
1. STABILIZED CONSTRUCTION ENTRANCE(S) SHALL BE ESTABLISHED AS SOON AS POSSIBLE AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT IN A MANNER THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PUBLIC RIGHT-OF-WAY. EXISTING PAVED ACCESS MAY BE USED AS CONSTRUCTION ENTRANCE AS NOTED ON SHEET 000J.
2. ADDITIONAL ROCK SHALL BE ADDED PERIODICALLY, IF NECESSARY, TO MAINTAIN PROPER FUNCTION OF THE PAD.
3. INSTALL VEHICLE BARRIERS AT ANY SITE ENTRANCE NOT USED AS STABILIZED CONSTRUCTION ENTRANCE TO RESTRICT SITE ACCESS.
4. IF ESTABLISHED ENTRANCES DO NOT ADEQUATELY REMOVE DIRT AND MUD FROM VEHICLE WHEELS SUCH THAT MUD AND DIRT TRACKING IS EVIDENT OFF SITE, ADDITIONAL MEASURES MUST BE TAKEN. SUCH MEASURES MAY INCLUDE WHEEL WASHING BEFORE VEHICLES LEAVE THE SITE OR OTHER CONSTRUCTION TECHNIQUES/WORK OPERATION MODIFICATIONS.
5. WHEEL WASHING SHOULD BE DONE ON THE GRAVEL PAD AND WASH WATER SHOULD DRAIN THROUGH A SILT-TRAPPING STRUCTURE PRIOR TO LEAVING THE CONSTRUCTION SITE. REFER TO DETAIL Z/000J, TRUCK WHEEL WASH.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN UP ANY SEDIMENT/MUD TRACKED INTO ADJACENT RIGHT-OF-WAY.
GENERAL NOTES
1. INSTALL BASIN INSERT BAGS OR CURB INLET SEDIMENT DAMS AT ALL INLET STRUCTURES.
2. THE FOLLOWING WERE REVIEWED AND DO NOT PERTAIN TO THIS PROJECT:
A. THERE ARE NO NATURAL RESOURCE SITES.
B. THERE ARE NO BORROW SITES.
C. THERE ARE NO CONSERVATION ZONES.
3. ALL ESC MEASURES WILL BE COMPLETED IN A TWO PHASES. THE SECOND PHASE WILL BE EXECUTED UNDER A SEPARATE CONTRACT.
4. SITE WORK WILL BE COMPLETED IN A TWO PHASES. THE SECOND PHASE WILL BE EXECUTED UNDER A SEPARATE CONTRACT.
5. EXPECTED TIME PERIOD OF LAND DISTURBING ACTIVITIES FOR PHASE ONE IS 3 MONTHS.

SCHEDULE FOR CONSTRUCTION AND IMPLEMENTATION OF ESC CONTROLS

- 1. HOLD THE PRE-CONSTRUCTION MEETING.
2. FLAG OR FENCE CLEARING LIMITS (AS STATED ON THE APPROVED PLANS).
3. INSTALL ESC MEASURES PRIOR TO CONSTRUCTION.
4. CALL TO SCHEDULE AN ON-SITE INSPECTION OF ALL EROSION MEASURES AFTER INSTALLATION AND PRIOR TO COMMENCING SOIL DISTURBANCE OPERATIONS.
5. MAINTAIN ESC MEASURES IN ACCORDANCE WITH CITY OF EUGENE STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
6. PERFORM DAILY INSPECTIONS OF THE ESC FACILITIES AND MAINTAIN WRITTEN RECORDS OF INSPECTIONS.
7. UPDATE EROSION AND ESC MEASURES TO HANDLE MAJOR CHANGE IN SITE CONDITIONS.
8. COVER ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN SEVEN DAYS DURING THE DRY SEASON OR TWO DAYS DURING THE WET SEASON WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING, OR EQUIVALENT.
9. STABILIZE ALL AREAS WITHIN SEVEN DAYS OF REACHING FINAL GRADE.
10. SEED OR SOD ANY AREAS TO REMAIN UNWORKED FOR MORE THAN 30 DAYS.
11. SWEEP STREETS ADJACENT TO CONSTRUCTION ENTRANCES A MINIMUM OF ONCE PER WEEK. USE OF WATER TRUCKS TO WASH DOWN STREETS IS NOT ALLOWED AFTER BEGINNING OF PAVEMENT PLACEMENT.
12. UPON COMPLETION OF THE PROJECT, STABILIZE ALL DISTURBED AREAS AND LEAVE BMP'S IN PLACE FOR PHASE TWO.

CITY OF EUGENE CONSTRUCTION SITE MANAGEMENT PLAN (CSMP) NOTES

- 1. PRIOR TO ANY GROUND DISTURBANCE ON THE SITE ONE INSPECTION WITH EROSION PREVENTION STAFF IS REQUIRED.
2. THE CONSTRUCTION SITE MANAGEMENT PLAN DOES NOT AUTHORIZE CONSTRUCTION ACTIVITIES. GRADING, BUILDING, PEPI, AND OTHER PERMITS MAY BE REQUIRED. ALL OTHER NECESSARY APPROVALS SHALL BE OBTAINED.
3. ISSUANCE OF AN EROSION PREVENTION PERMIT APPROVES PROTECTION MEASURES, NOT CONSTRUCTION OR GROUND DISTURBING ACTIVITIES. IT DOES NOT RELIEVE THE PERMIT HOLDER AND/OR THE CONTRACTOR FROM OTHER PERMITTING REQUIREMENTS.
4. CONSTRUCTION SHALL CONFORM TO THE CURRENT EDITION OF THE CITY AND/OR OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION AND CITY STANDARD DRAWINGS* (REQUIRED FOR PUBLIC IMPROVEMENT PROJECTS ONLY).
5. EROSION AND SEDIMENT CONTROL MEASURES, AND OTHER NATURAL RESOURCE PROTECTION FENCING AND BARRIERS, SHOWN ON THE CSMP ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING CONSTRUCTION, MEASURES SHALL BE UPGRADED, AS NEEDED OR AS DIRECTED BY THE CITY INSPECTOR.
6. IMPLEMENTATION OF THE CSMP, INCLUDING CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADE OF EROSION AND SEDIMENT CONTROL MEASURES AND PROTECTION FENCING, IS THE RESPONSIBILITY OF THE PERMIT HOLDER AND/OR THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND VEGETATION/LANDSCAPING IS ESTABLISHED AND APPROVED.
7. BOUNDARIES OF THE CLEARING AND GRADING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING CONSTRUCTION, NO DISTURBANCE BEYOND THE FLAGGED CLEARING AND GRADING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE PERMIT HOLDER AND/OR THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION. IN ADDITION, WETLAND AND RIPARIAN AREAS SHALL BE IDENTIFIED AND PROTECTED WITH APPROPRIATE FENCING AS NOTED ON CSMP PRIOR TO CONSTRUCTION AND SHALL NOT BE DISTURBED UNLESS THE PROPER PERMITS ARE OBTAINED.
8. EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THIS CSMP MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT ENTER THE STORMWATER SYSTEM, ROADWAYS, ADJACENT PROPERTY OR VIOLATE APPLICABLE WATER QUALITY STANDARDS. WHEN DESIGNING AND IMPLEMENTING MEASURES, THE PERMIT HOLDER AND/OR THE CONTRACTOR SHALL CONSIDER THE SEASONAL VARIATION OF RAINFALL, TEMPERATURE, AND OTHER CLIMATIC FACTORS RELATIVE TO THE TIMING OF LAND DISTURBANCE ACTIVITIES.
9. EROSION AND SEDIMENT CONTROL MEASURES ON ACTIVE SITES SHALL BE INSPECTED AND MAINTAINED DAILY AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES OF RAIN PER 24 HOUR PERIOD. ANY REQUIRED REPAIRS OR ADJUSTMENTS SHALL BE MADE IMMEDIATELY. THE EROSION AND SEDIMENT CONTROL MEASURES ON INACTIVE SITES SHALL BE INSPECTED A MINIMUM OF ONCE EVERY MONTH AND/OR WITHIN 48 HOURS FOLLOWING STORM EVENTS. ADDITIONALLY, SITES COVERED UNDER DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ) PERMITS (1200-C, 1200-ON) MUST COMPLY WITH THOSE PERMIT MONITORING AND RECORD-KEEPING REQUIREMENTS.
10. DURING THE WET WEATHER SEASON (OCTOBER 15 TO APRIL 30), ALL EXPOSED SOIL AND STOCKPILE AREAS SHALL BE COVERED, OR OTHERWISE PROTECTED BY A FACILITY (OR COMBINATION OF FACILITIES) THAT RESULT IN NO STORMWATER RUNOFF LEAVING THE SITE DURING A 5-YEAR STORM EVENT. FOR DEVELOPMENT SITES OVER 40 ACRES, THE DESIGN STORM SHALL BE A 10-YEAR STORM EVENT CONSISTENT WITH AN APPROVED CSMP.
11. ALL ADJACENT PROPERTIES, WATER FEATURES, AND RELATED NATURAL RESOURCES ARE TO BE KEPT FREE OF DEPOSITS OR DISCHARGES OF SOIL, SEDIMENT OR CONSTRUCTION-RELATED MATERIAL FROM THE CONSTRUCTION SITE.
12. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATION HAS BEEN ESTABLISHED AND THE SITE IS PERMANENTLY STABILIZED. ANY MEASURES THAT ARE DAMAGED OR DESTROYED SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
13. STABILIZE ALL DISTURBED AREAS WITHIN 50 FEET OF WATERWAYS, WETLANDS OR OTHER SENSITIVE AREAS WITHIN 7 DAYS OF EXPOSURE.
14. STREETS ADJACENT TO CONSTRUCTION ENTRANCES AND ALONG HAUL ROUTES SHALL BE SWEEP AS NEEDED OR WHEN DIRECTED BY THE CITY INSPECTOR TO ENSURE PUBLIC RIGHTS-OF-WAY ARE KEPT CLEAN AND FREE OF DEBRIS.
15. WHEN TRACKING SATURATED SOILS TO OR FROM THE SITE, EITHER WATER-TIGHT TRUCKS SHALL BE USED OR LOADS SHALL BE DRAINED PRIOR TO TRANSPORT UNTIL DRIPPING HAS BEEN REDUCED TO NO MORE THAN ONE GALLON PER HOUR. SEDIMENT LADEN WATER WILL NOT BE ALLOWED TO ENTER THE STORMWATER SYSTEM.
16. EXTRACTED GROUND WATER FROM EXCAVATED TRENCHES SHALL BE DISPOSED OF IN A SUITABLE MANNER WITHOUT DISCHARGING SEDIMENT TO ADJACENT PROPERTIES, THE CITY'S STORMWATER SYSTEM, WATER FEATURES, OR RELATED NATURAL RESOURCES. DEWATERING SYSTEMS SHALL BE DESIGNED AND OPERATED SO AS TO PREVENT REMOVAL OF THE NATURAL SOILS AND SO THAT THE GROUNDWATER LEVEL OUTSIDE THE EXCAVATION IS NOT REDUCED TO THE EXTENT THAT WOULD DAMAGE OR ENDANGER ADJACENT STRUCTURES OR PROPERTY. APPROVAL OF THE DEWATERING SYSTEM DOES NOT GUARANTEE THAT IT WILL MEET THE OUTCOMES OR BE ACCEPTABLE FOR USE IN ALL SITUATIONS. MODIFICATIONS TO THE SYSTEM WILL BE REQUIRED IF THE OUTCOMES CANNOT BE MET. AT NO TIME WILL SEDIMENT LADEN WATER BE ALLOWED TO LEAVE THE CONSTRUCTION SITE.
17. A SUPPLY OF MATERIALS NECESSARY TO MEET THE OUTCOMES AND IMPLEMENT THE CSMP OR OTHER EROSION PRACTICES UNDER ALL WEATHER CONDITIONS SHALL BE MAINTAINED AT ALL TIMES ON THE CONSTRUCTION SITE.
18. NO HAZARDOUS SUBSTANCES, SUCH AS PAINTS, THINNERS, FUELS AND OTHER CHEMICALS SHALL BE RELEASED ONTO THE SITE, ADJACENT PROPERTIES, OR INTO WATER FEATURES, THE CITY'S STORMWATER SYSTEM, OR RELATED NATURAL RESOURCES.
19. NO DISCHARGE INTO THE CITY'S STORMWATER SYSTEM OR RELATED NATURAL RESOURCES OF CONSTRUCTION RELATED CONTAMINANTS RESULTING FROM ACTIVITIES SUCH AS, BUT NOT LIMITED TO, CONCRETE SAWING, CLEANING OR WASHING OF EQUIPMENT, TOOLS, OR VEHICLES, SHALL OCCUR.
20. ALL WORK PERFORMED BY UTILITY COMPANIES FOR THIS PROJECT, INCLUDING PLACEMENT OF APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES, FINISHED GRADING, SEEDING, MULCHING AND CLEAN UP IS GOVERNED BY THE CONDITIONS AND REQUIREMENTS OF THIS CSMP. COMPLIANCE WITH THESE REQUIREMENTS IS THE RESPONSIBILITY OF THE PERMIT HOLDER.

DEQ STANDARD EROSION AND SEDIMENT CONTROL PLAN (ESCP) NOTES

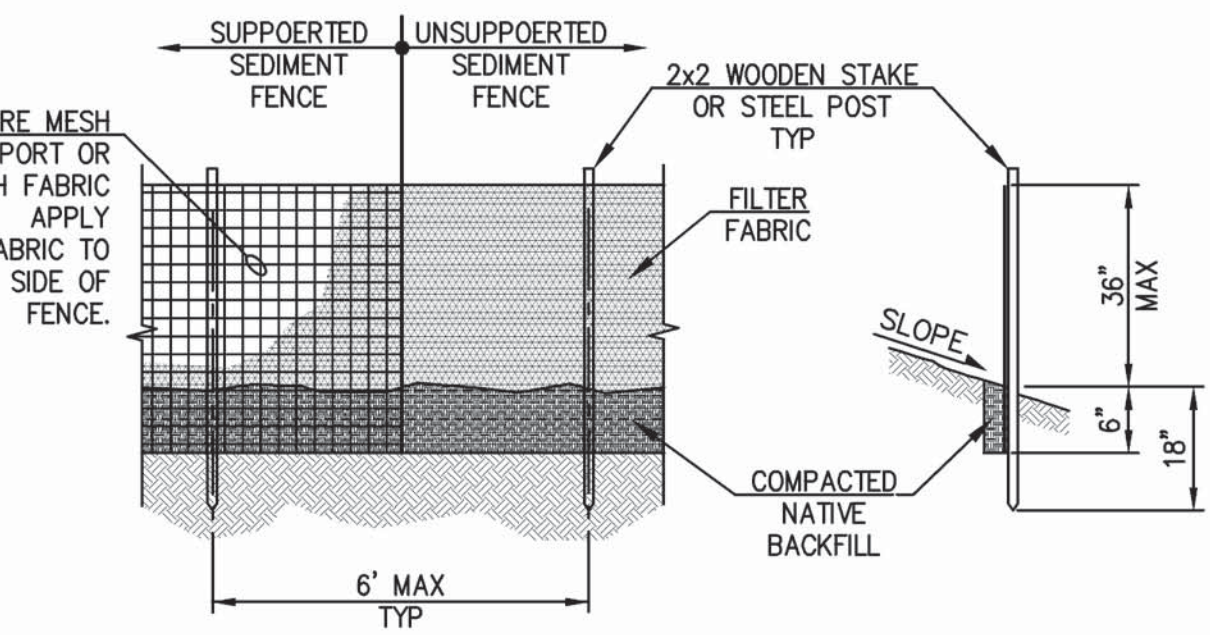
- 1. HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS. (Schedule A.8.c.i.(3))
2. ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS.
3. INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS.
4. RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION. (Schedule B.2.a).
5. ALL PERMIT REGISTRANTS MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. (Schedule A.8.a)
6. THE ESCP MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, UPGRADE THESE MEASURES AS NEEDED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATIONS (Schedule A.8.c.ii)(1),(2).
7. SUBMISSIONS OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISION IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT. (Schedule A.12.c.ii)
8. PHASE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (Schedule A.8.c.ii)(4)(d)
9. IDENTIFY, MARK, AND PROTECT (BY FENCING OFF OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. (SCHEDULE A.8.c.i.(1) & (2))
10. PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. (Schedule A.7.b.iii(1) and A.7.b.iii(3))
11. EROSION AND SEDIMENT CONTROL MEASURES INCLUDING PERIMETER SEDIMENT CONTROL MUST BE IN PLACE BEFORE VEGETATION IS DISTURBED AND MUST REMAIN IN PLACE AND BE MAINTAINED, REPAIRED, AND PROMPTLY IMPLEMENTED FOLLOWING PROCEDURES ESTABLISHED FOR THE DURATION OF CONSTRUCTION, INCLUDING PROTECTION FOR ACTIVE STORM DRAIN INLETS AND CATCH BASINS AND APPROPRIATE NON-STORMWATER POLLUTION CONTROLS. (Schedule A.7.d.1 and A.8.c.)
12. ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (Schedule A.8.c.i.(3))
13. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES AND FOR ALL ROADWAYS INCLUDING GRAVEL ROADWAYS. (Schedule A.8.c.ii.(2))
14. ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (Schedule A.8.c.i.(7))
15. PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMP'S SUCH AS: GRAVELED (OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMP'S MUST BE IN PLACE PRIOR TO LAND-DISTURBING ACTIVITIES. (Schedule A.7.d.i(1) and A.8.c.i.(4))
16. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (Schedule A.7.d.i(3))
17. USE BMP'S TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANT FROM SPILLS, VEHICLE AND EQUIPMENT FUELING MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, LEFTOVER PAINTS, SOLVENTS, AND GLUES FROM CONSTRUCTION OPERATIONS. (Schedule A.7.e.i(2))
18. IMPLEMENT THE FOLLOWING BMP'S WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (Schedule A.7.e.ii)
19. USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (Schedule A.7.b.ii)
20. THE APPLICATION RATE OF FERTILIZERS USED TO RE-ESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (Schedule A.9.9.iii)
21. IF A STORMWATER TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN PLAN APPROVAL BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (Schedule A.9.d)
22. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (Schedule A.7.b)
23. AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMP'S MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEASING TO SURFACE WATERS. (Schedule A.7.e.ii(2))
24. CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND DURING WET WEATHER. (Schedule A.7.a.i)
25. SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. (Schedule A.9.c.i)
26. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT, AND BEFORE BMP REMOVAL. (Schedule A.9.c.ii)
27. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. (Schedule A.9.c.iii and iv)
28. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A REOCCURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DIVISION OF STATE LANDS REQUIRED TIME FRAME. (Schedule A.9.b.i)
29. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. (Schedule A.9.b.ii)
30. THE ENTIRE SITE MUST BE TEMPORARILY STABILIZED USING VEGETATION OR A HEAVY MULCH LAYER, TEMPORARY SEEDING, OR OTHER METHOD SHOULD ALL CONSTRUCTION ACTIVITIES CEASE FOR 30 DAYS OR MORE. (Schedule A.7.f.i)
31. PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER. LOOSE STRAW, OR ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (Schedule A.7.f.ii)
32. PROVIDE PERMANENT EROSION CONTROL MEASURES ON ALL EXPOSED AREAS. DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. HOWEVER, DO REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AS EXPOSED AREAS BECOME STABILIZED, UNLESS DOING SO CONFLICTS WITH LOCAL REQUIREMENTS. PROPERLY DISPOSE OF CONSTRUCTION MATERIALS AND WASTE, INCLUDING SEDIMENT RETAINED BY TEMPORARY BMP'S. (Schedule A.7.b.iii(2) and A.8.c.iii)

BMP MATRIX WITH ESCP IMPLEMENTATION SCHEDULE

Table with columns for BMP'S, PHASE, and years 2014-2015. Rows include Runoff Controls (Stabilize Stream Banks, Energy Dissipaters, etc.), Clearing & Grubbing Practices (Topsoiling, Seeding, etc.), and Erosion Control Practices (Sediment Fencing, Sand Bag Barrier, etc.).

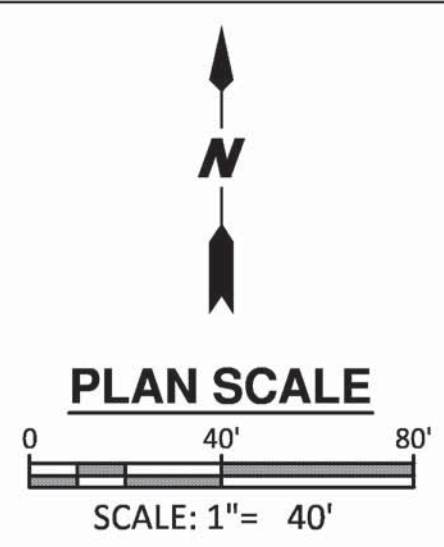
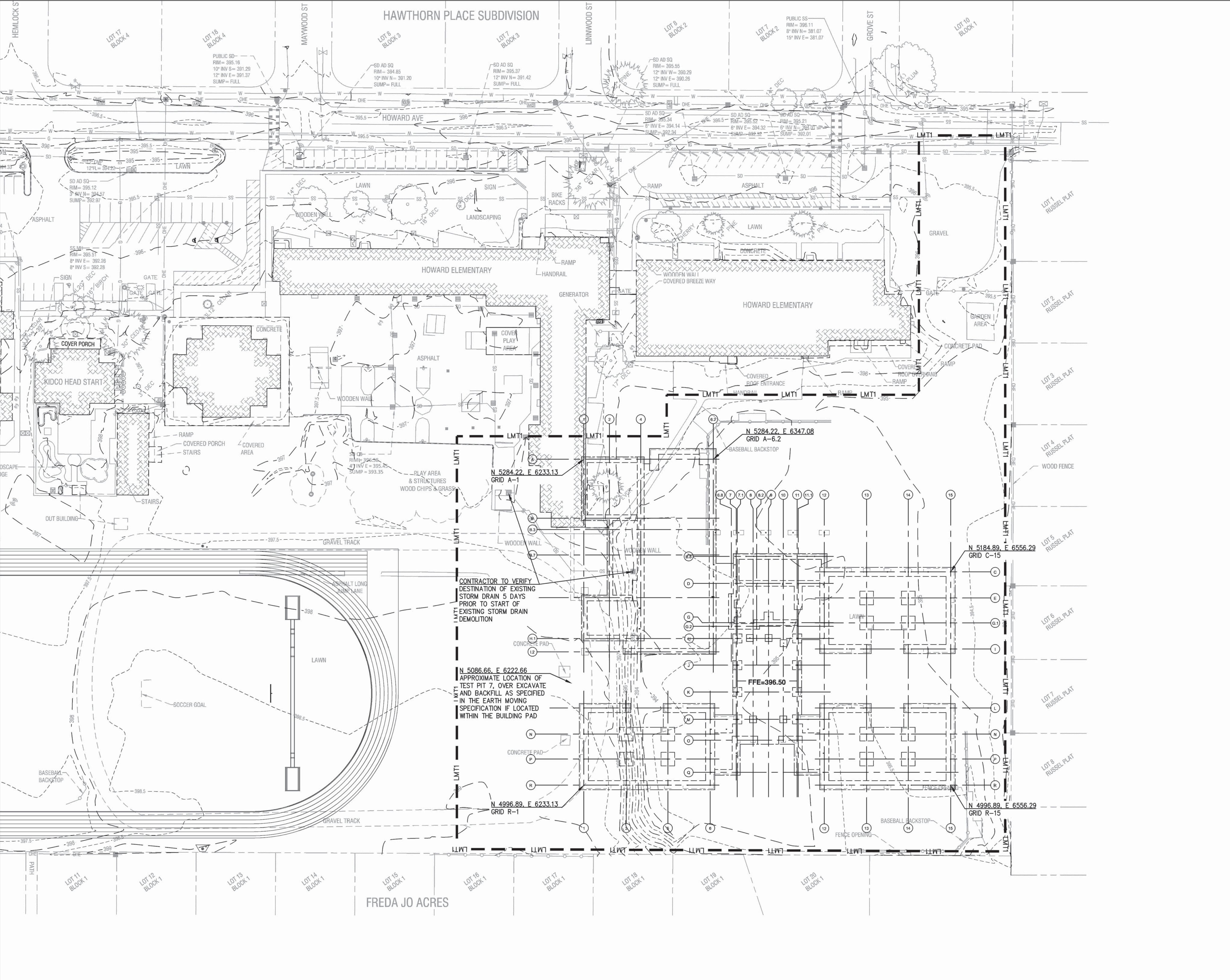
** = MEASURES TO BE INSTALLED PRIOR TO ANY GROUND DISTURBING ACTIVITY A COMPREHENSIVE LIST OF AVAILABLE BEST MANAGEMENT PRACTICE (BMP) OPTIONS BASED ON DEQ'S 1200-C PERMIT APPLICATION AND ESCP GUIDANCE DOCUMENT HAS BEEN REVIEWED TO COMPLETE THIS EROSION AND SEDIMENT CONTROL PLAN. SOME OF THE ABOVE LISTED BMP'S WERE NOT CHOSEN BECAUSE THEY WERE DETERMINED TO NOT EFFECTIVELY MANAGE EROSION PREVENTION ABOVE LISTED BMP'S WERE NOT CHOSEN BECAUSE THEY WERE DETERMINED TO NOT EFFECTIVELY MANAGE EROSION AND SEDIMENT CONTROL FOR THIS PROJECT BASED ON SPECIFIC SITE CONDITIONS, INCLUDING SOIL CONDITIONS, TOPOGRAPHIC PREVENTION CONSTRAINTS, ACCESSIBILITY TO THE SITE, AND OTHER RELATED CONDITIONS. AS THE PROJECT PROGRESSES AND THERE IS A NEED TO REVISE THE ESCP, AN ACTION PLAN WILL BE SUBMITTED.

- NOTES
1. BERM SIZE:
SLOPES LESS THAN 5% - 24"-36" WIDE BY 12"-18" HIGH
SLOPES GREATER THAN 5% - 36"-48" WIDE BY 18"-24" HIGH
2. COMPOST MULCH SHALL BE MEDIUM-GRADE, MIXED YARD DEBRIS.
3. BARK MULCH SHALL BE STANDARD COMMERCIAL PRODUCT, MEDIUM-COURSE GROUND BARK. BARK SHALL BE GROUND FIR BARK, FREE FROM WEEDS AND SEED.



- NOTES
1. MAX GROUND SLOPE (PERPENDICULAR TO FENCE):
SUPPORTED FENCE - 1H:1V
UNSUPPORTED FENCE - 4H:1V
2. SYNTHETIC FILTER FABRIC SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0F TO 120F.
3. FILTER FABRIC SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POSTS WITH A MINIMUM OF 6 INCH OVERLAP AND BOTH ENDS SECURED TO POST.
4. CONTINUOUS BIO BERM MAY BE INSTALLED AT UPHILL BASE OF FILTER FABRIC IN LIEU OF BURYING BOTTOM OF FABRIC.
5. USE STAPLES OR WIRE RINGS TO ATTACH FILTER FABRIC TO WIRE SUPPORT FABRIC.

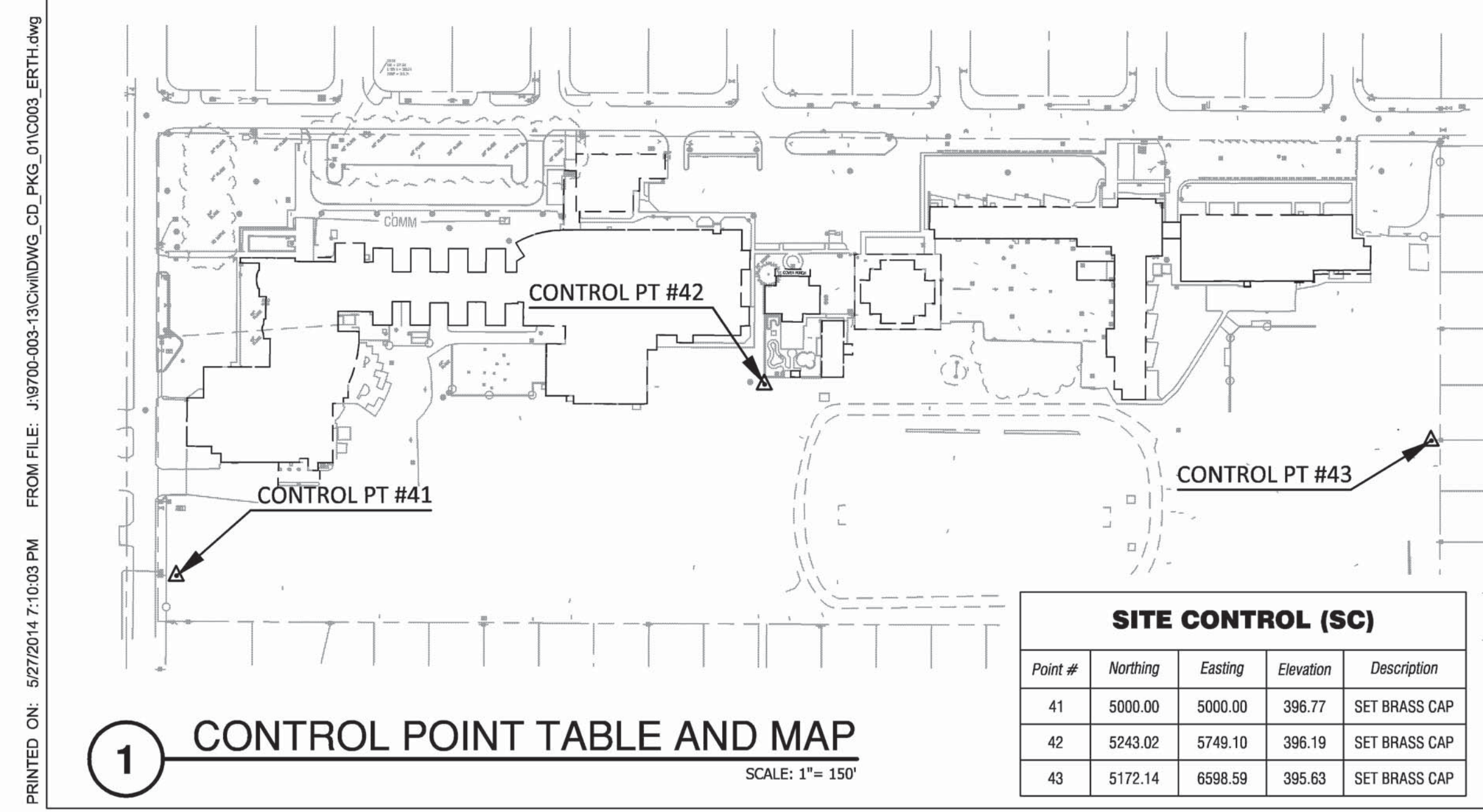




- SHEET NOTES:**
- REFER TO EARTHWORK SPECIFICATIONS FOR ADDITIONAL EXCAVATION DESCRIPTIONS OF AREAS SHOWN HEREON.
 - REFER TO STRUCTURAL DRAWINGS FOR EXCAVATION AND FILL REQUIREMENTS.
 - TRANSITION BETWEEN EXISTING AND FINISHED SURFACE ELEVATIONS SHOWN ON PLAN SHALL BE SMOOTH AND UNIFORM.
 - REFER TO ARCHITECTURAL DRAWINGS FOR EXCAVATION SECTION DETAILS.

- GENERAL NOTES:**
- EXISTING TOPOGRAPHIC INFORMATION:** FROM SURVEY PREPARED BY BALZHISER & HUBBARD ENGINEERS TITLED "TOPOGRAPHIC SURVEY FOR 4J SCHOOL DISTRICT LYING IN SW 1/4 OF SEC. 14, TOWNSHIP 17S, RANGE 4W, W.M., CITY OF EUGENE, LANE COUNTY, OREGON", DATED SEPTEMBER 2013.
 - BASIS OF BEARING:** BASED ON THE OREGON COORDINATE REFERENCE SYSTEM, EUGENE ZONE. ALL DISTANCES ARE GROUND DISTANCES AND ARE EXPRESSED IN INTERNATIONAL FEET. SEE SURVEY METADATA FOR MORE INFORMATION.
 - COORDINATE SYSTEM TRANSLATION:** THE SURVEY FILE HAS BEEN TRANSLATED FROM BHE'S SURVEY CONTROL POINT No. 41 TO A LOCAL DATUM PLAN COORDINATE OF 5000, 5000.
 - BASIS OF ELEVATION:** BASED ON CITY OF EUGENE BENCHMARK RR0899 WITH A PUBLISHED ELEVATION OF 395.68' (NAVD 88 DATUM).
 - THE CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING PROPERTY AND STREET MONUMENTS PRIOR TO CONSTRUCTION. ANY MONUMENTS DISTURBED DURING CONSTRUCTION OF THE PROJECT SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE. THE MONUMENTS SHALL BE REPLACED WITHIN A MAXIMUM OF 90 DAYS, AND THE COUNTY SURVEYOR SHALL BE NOTIFIED IN WRITING AS REQUIRED BY ORS 209.150.
 - LOCATIONS OF EXISTING UTILITIES ARE ASSUMED FROM INFORMATION AVAILABLE AND ARE NOT GUARANTEED TO BE COMPLETE AND ACCURATE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF EXISTING UTILITIES.
 - CONTRACTOR SHALL NOTIFY EACH UNDERGROUND UTILITY PRIOR TO EXCAVATING, BORING, OR POT-HOLING. ATTENTION: OREGON LAW REQUIRES THE CONTRACTOR TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN O.A.R. 952-001-0010 - 952-001-0090. THE CONTRACTOR MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS 1-800-332-2344)
 - CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS AND COMPLY WITH REQUIREMENTS AND SPECIFICATIONS OF ANY RESPECTIVE UTILITY COMPANY FOR UTILITIES TO BE CUT, MOVED, RELOCATED, OR RE-CONNECTED TO AN EXISTING FACILITY.
 - CONTRACTOR SHALL INCLUDE DEMOLITION OF EXISTING PRIVATE STORM DRAIN, SANITARY SEWER, AND WATER UTILITIES. REMOVE EXISTING STRUCTURES WHERE ENCOUNTERED. CUT AND CAP EXPOSED ENDS OF EXISTING PIPES ENCOUNTERED. (ABANDON EXISTING PIPE IN PLACE IN ALL AREAS EXCEPT UNDER NEW BUILDING. REMOVE EXISTING PIPES BENEATH NEW BUILDING.)

SURVEY LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WATER VALVE	COMM	COMMUNICATIONS
	WATER METER	CMP	CORRUGATED METAL PIPE
	IRRIGATION VALVE	ELEC	ELECTRIC
	WATER VAULT	SS	SANITARY SEWER
	BACK FLOW PREVENTER	AD SQ	SQUARE AREA DRAIN
	FIRE HYDRANT	SD	STORMWATER
	FIRE DEPARTMENT CONNECTION		GAS METER
	AREA DRAIN (SQUARE)		GAS VALVE
	STORM DRAIN MANHOLE		SEWER MANHOLE
	UTILITY POLE		CLEANOUT
	GUY ANCHOR		METAL POST
	LIGHT POLE		SET PERMANENT SITE CONTROL (SC) REFER TO DETAIL AND BENCHMARK TABLE FOUND CITY BENCHMARK (BM)
	LIGHT POLE WITH ARM		PROPERTY LINE
	ELECTRIC METER		DENOTES BUILDING OVERHEAD
	ELECTRIC RISER		EASEMENT LINE
	ELECTRIC TRANSFORMER		1.0' CONTOUR INTERVAL
	ELECTRIC VAULT		0.5' CONTOUR INTERVAL
	TELEPHONE RISER		HATCH DENOTES BUILDING
	TELEPHONE VAULT		HATCH DENOTES BUILDING OVERHANG
	HEAT PUMP		HATCH DENOTES ASPHALT PAVEMENT
	JUNCTION BOX		HATCH DENOTES CONCRETE
	ARBORVITAE		HATCH DENOTES GRAVEL
	METAL BASKETBALL HOOP POLE		PAVEMENT PAINT STRIPE
	SIGN		CHAIN LINK FENCE
	BOLLARD		UNDERGROUND WATER LINE
	WOOD POST		UNDERGROUND STORM DRAIN LINE
	FLAG POLE		UNDERGROUND SANITARY SEWER LINE
	POLE		UNDERGROUND GAS LINE
	MAIL BOX		UNDERGROUND COMM LINE
	ADA PARKING		OVERHEAD COMBINED UTILITY LINE
	CONFERTOUS TREE		
	BROADLEAF TREE		



SITE CONTROL (SC)				
Point #	Northing	Easting	Elevation	Description
41	5000.00	5000.00	396.77	SET BRASS CAP
42	5243.02	5749.10	396.19	SET BRASS CAP
43	5172.14	6998.59	395.63	SET BRASS CAP

1 CONTROL POINT TABLE AND MAP
SCALE: 1" = 150'

GENERAL NOTES

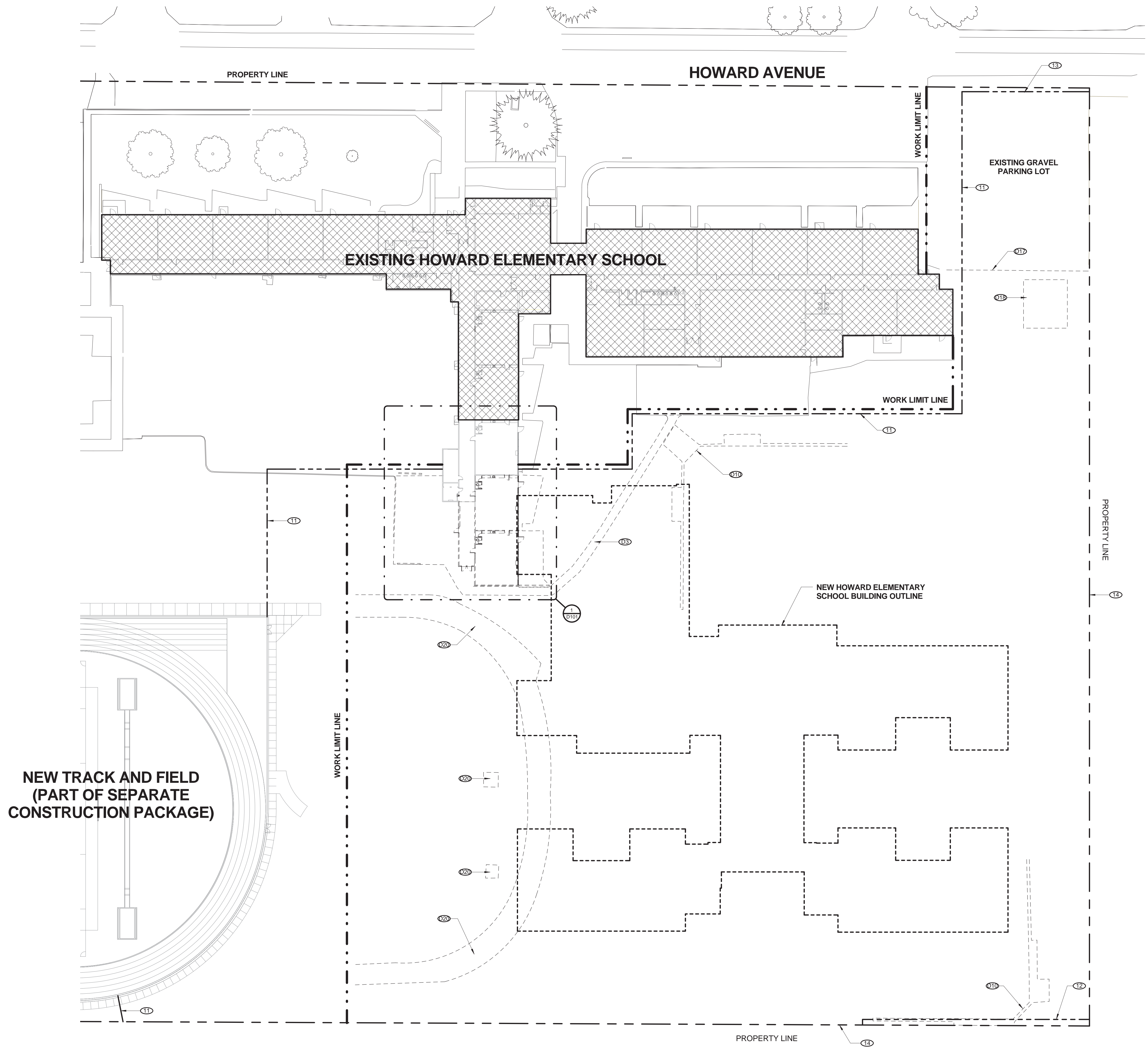
- A. EXTENTS OF (E) IRRIGATION SYSTEM ARE UNKNOWN. PRIOR TO ANY CONSTRUCTION, MEET WITH OWNER TO OBSERVE AND VERIFY (E) IRRIGATION. LOCATE AND VERIFY SIZE OF (E) IRRIGATION MAIN LINE, VALVE AND IRRIGATION HEADS. NOTIFY OWNER IN WRITING IF ANY SYSTEMS ARE NOT OPERATING PROPERLY.
- B. (E) LANDSCAPES AND TREES WITH (E) IRRIGATION PRIOR TO CONSTRUCTION ARE NOT TO BE WITHOUT WATER FOR LONGER THAN 10 DAYS. COORDINATE ANTICIPATED DISRUPTION OF (E) IRRIGATION WITH OWNER TO ALLOW FOR ADDITIONAL WATERING IN ADVANCE OF IRRIGATION SHUTDOWN.
- C. CUT AND CAP (E) IRRIGATION MAIN LINES AND LATERAL LINES TO REMAIN. MAKE REPAIRS NECESSARY TO (E) IRRIGATION SYSTEM TO REMAIN TO PROVIDE A FULLY OPERATIONAL IRRIGATION SYSTEM TO LANDSCAPE AREAS TO REMAIN DURING TIME OF CONSTRUCTION.

KEYNOTE LEGEND

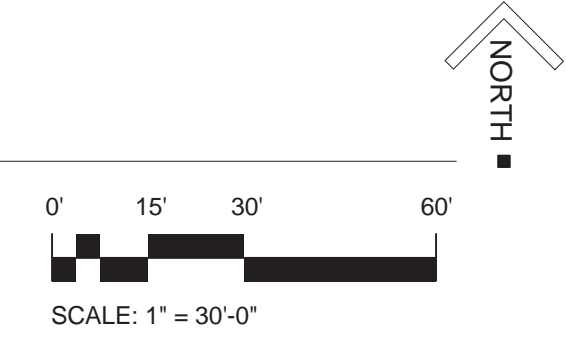
- 11 TEMPORARY FENCE, CONNECT TO FENCING AT TRACK WHERE OCCURS
- 12 BLOCK OFF ENTRANCES TO EMERALD PARK WITH TEMPORARY FENCING
- 13 12' WIDE TEMPORARY GATE LOCATION
- 14 (E) FENCING ALONG PROPERTY LINE
- D3 DEMO (E) ASPHALT PAVING
- D10 DEMO (E) BASEBALL BACKSTOP ASSEMBLY
- D17 DEMO (E) CHAINLINK FENCE
- D18 (E) WOOD GARDEN BOXES TO BE REMOVED BY OWNER
- D20 EXISTING GRAVEL TRACK TO BE REMOVED W/ EXCAVATION FOR NEW BUILDING PAD

SITE PLAN DEMOLITION LEGEND

 AREA OF EXISTING SCHOOL NOT ALTERED BY DEMOLITION WORK AS DESCRIBED WITHIN THIS PACKAGE



1 PARTIAL SITE DEMOLITION PLAN
1" = 30'-0"



PROJECT #	1336	PERSON	
ISSUE DATE	06/10/2014	AD	
DESIGN		AD	
CHECKED		CW	

GENERAL NOTES

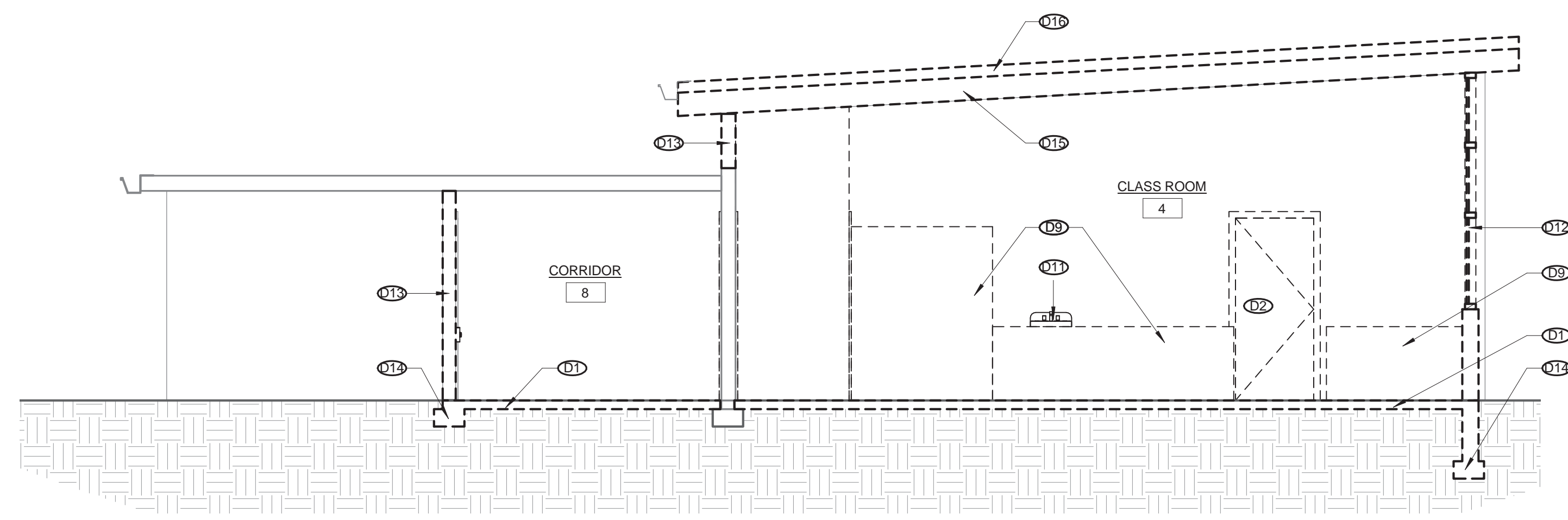
- A. SALVAGE (E) WOOD ROOF JOISTS, STRIP OFF ALL FASTENERS, STORE ONSITE. COORDINATE LOCATION WITH OWNER.
- B. OWNER HAS COMPLETED ASBESTOS ABATEMENT IN THE AREAS BEING DEMOLISHED. PART OF THIS SCOPE WAS THE REMOVAL OF INTERIOR WALL FINISHES IN CLASS ROOMS 4 AND 5 (INCLUDING RESTROOMS AND CLOSETS) ALONG WITH INTERIOR FLOOR FINISH REMOVAL IN CORRIDOR 8 AND CLASS ROOM 5.
- C. COORDINATE SHUTDOWN OF CW, HW, AND HEATING WATER PRIOR TO DEMOLITION.

KEYNOTE LEGEND

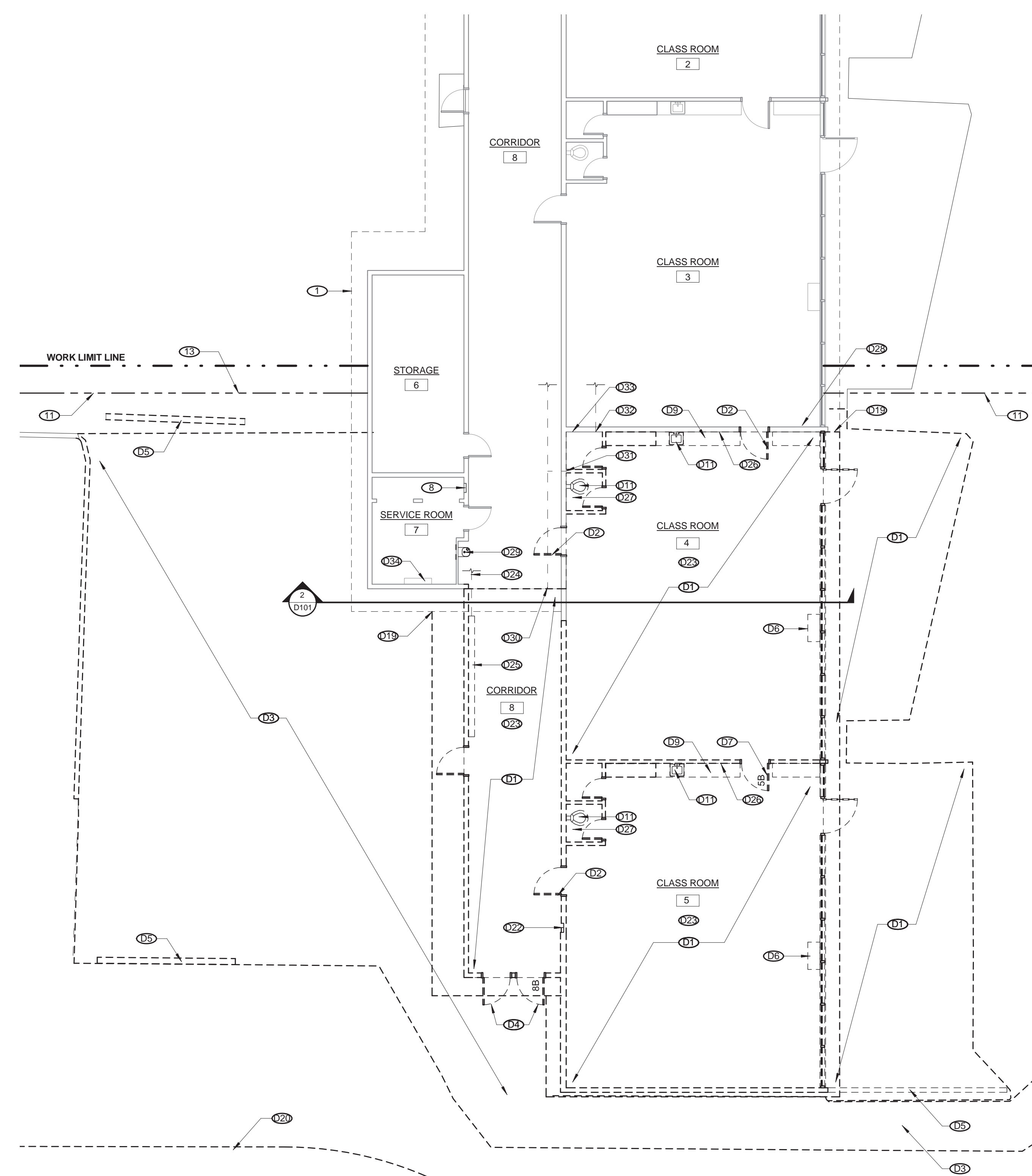
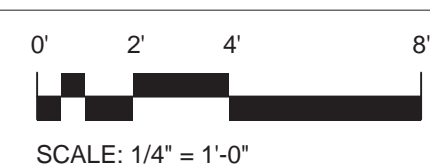
- 1 EXISTING ROOF LINE ABOVE
- 8 (E) PANELBOARD TO REMAIN
- 11 TEMPORARY FENCE. CONNECT TO FENCING AT TRACK WHERE OCCURS
- 12 12' WIDE TEMPORARY GATE LOCATION
- D1 DEMO (E) CONCRETE SLAB
- D2 DEMO (E) DOOR AND FRAME
- D3 DEMO (E) ASPHALT PAVING
- D4 DEMO (E) DOORS. SALVAGE PANIC HARDWARE FOR REUSE. COORDINATE STORAGE LOCATION WITH OWNER
- D6 DEMO (E) CONCRETE SITE WALL
- D6 DEMO (E) UNIT VENTILATOR AND BRANCH PIPING
- D7 REMOVE (E) DOOR AND FRAME. SALVAGE FOR REUSE INCLUDING DOOR HARDWARE. COORDINATE STORAGE LOCATION WITH OWNER
- D9 DEMO (E) CASEWORK
- D11 DEMO (E) PLUMBING FIXTURES, BRANCH WASTE, AND WATER PIPING BELOW FLOOR
- D12 DEMO (E) WINDOW ASSEMBLY
- D13 DEMO PORTION OF (E) WALL
- D14 DEMO (E) CONCRETE FOUNDATION. FILL FOUNDATION EXCAVATION WITH COMPACTED SELECT FILL TO TOP OF SURROUNDING GRADE
- D15 REMOVE (E) WOOD ROOF JOISTS AND SALVAGE FOR REUSE. SEE GENERAL NOTE A.
- D16 DEMO (E) ROOF ASSEMBLY
- D19 EXTENT OF ROOF DEMOLITION
- D20 EXISTING GRAVEL TRACK TO BE REMOVED W/ EXCAVATION FOR NEW BUILDING PAD
- D22 (E) PANELBOARD AND ADJACENT PULLBOX TO BE REMOVED. REMOVE FEEDER BACK TO SOURCE
- D23 DISCONNECT AND REMOVE ALL LIGHTING, LIGHTING CONTROLS, ELECTRICAL DEVICES AND LOW VOLTAGE DEVICES WITHIN THE DEMO AREA. REMOVE ALL CONDUCTORS AND CONDUITS BACK TO SOURCE
- D24 CUT (E) HEATING WATER SUPPLY AND RETURN BACK TO NEAREST ACTIVE BRANCH AND CAP WITHIN ENCLOSURE. REPAIR ENCLOSURE. COORDINATE WITH OWNER SHUTDOWN AND DRAINING OF SYSTEM AS REQUIRED TO ACCOMPLISH WORK
- D25 DEMO (E) CONVECTOR AND CONTROLS
- D26 REMOVE AND SALVAGE (E) THERMOSTAT. COORDINATE STORAGE LOCATION WITH OWNER
- D27 REMOVE AND SALVAGE (E) EXHAUST FAN. COORDINATE STORAGE LOCATION WITH OWNER. DEMO (E) DUCTWORK
- D28 DEMO HEATING WATER SUPPLY AND RETURN SERVING DEMO UNIT VENTILATORS. CAP IN UTILITY TUNNEL UNDER REMAINING BUILDING
- D29 DEMO (E) WATER FOUNTAIN. CUT BACK AND CAP WATER AND WASTE LINES IN WALL AT DEMO'D FIXTURE. SHUT OFF WATER LINES AT NEAREST ISOLATION VALVE PRIOR TO DEMOLITION
- D30 CUT AND CAP (E) 1" HW BELOW SLAB AT REMAINING BLDG FOUNDATION
- D31 CUT AND CAP (E) 1/2" HW BELOW SLAB
- D32 CUT AND CAP (E) 1-1/4" CW BELOW SLAB AT REMAINING BLDG FOUNDATION
- D33 CUT AND CAP (E) 4" WASTE BELOW SLAB AT REMAINING BLDG FOUNDATION
- D34 DDC CONTROL PANEL TO REMAIN

WALL FILL PATTERNS:

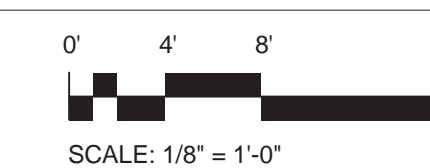
- [Solid Line] - EXISTING WALL ASSEMBLY
- [Dashed Line] - WALL ASSEMBLY TO BE DEMOLISHED



2 PARTIAL BUILDING SECTION
1/4" = 1'-0"



1 PARTIAL DEMOLITION FLOOR PLAN
1/8" = 1'-0"

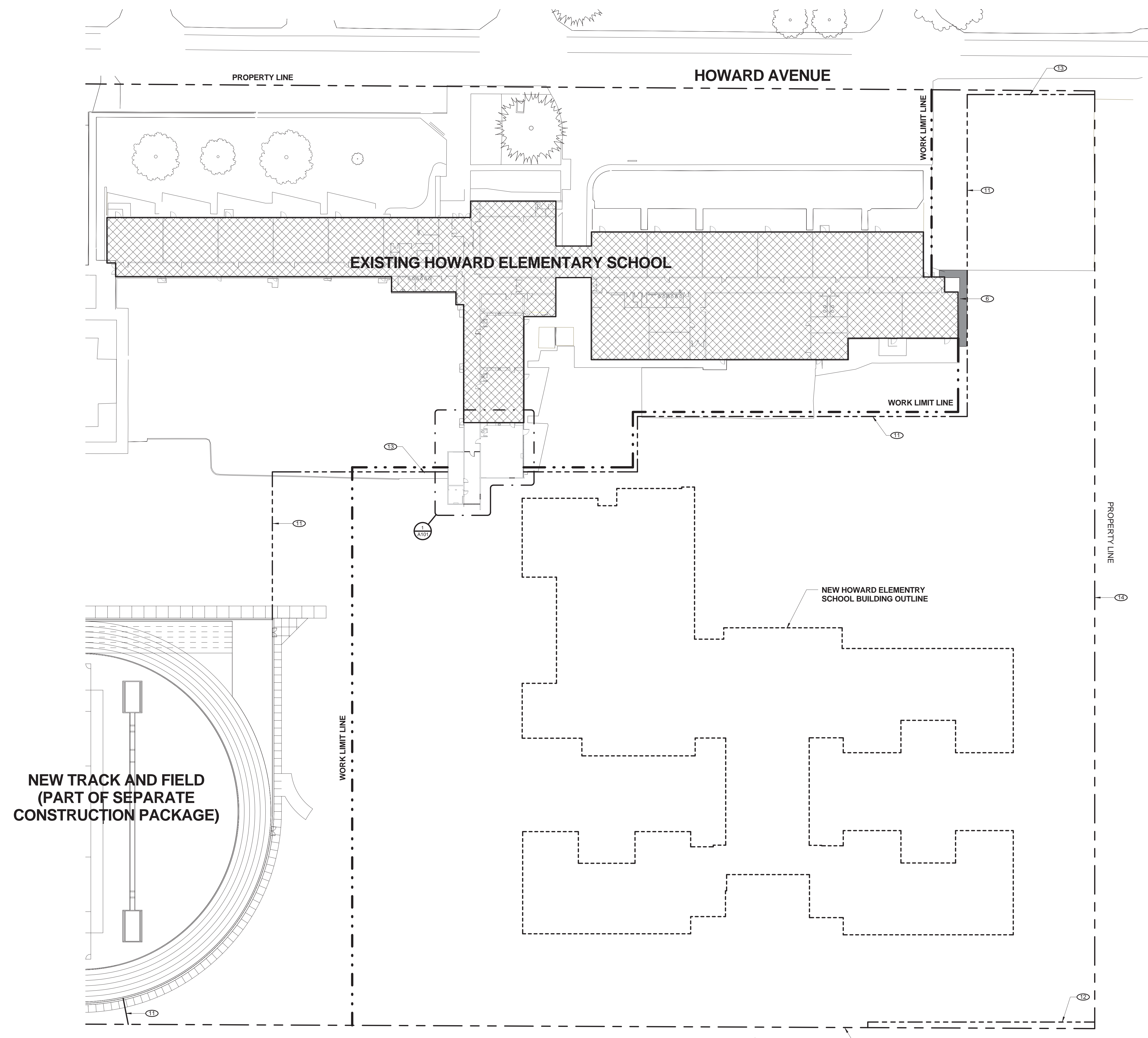


KEYNOTE LEGEND

- 6 NEW ASPHALT SIDEWALK 2" THICK OVER 3" COMPACTED GRANULAR FILL.
- 11 TEMPORARY FENCE, CONNECT TO FENCING AT TRACK WHERE OCCURS
- 12 BLOCK OFF ENTRANCES TO EMERALD PARK WITH TEMPORARY FENCING
- 13 12" WIDE TEMPORARY GATE LOCATION
- 14 (E) FENCING ALONG PROPERTY LINE

SITE PLAN LEGEND

-  AREA OF EXISTING SCHOOL NOT ALTERED BY CONSTRUCTION WORK AS DESCRIBED WITHIN THIS PACKAGE



EARTHWORK AND DEMOLITION PACKAGE
 EUGENE SCHOOL DISTRICT
 700 HOWARD AVE, EUGENE, OREGON 97404
4J HOWARD ELEMENTARY SCHOOL SITE

SITE PLAN





PROJECT #	1336	PERSON	
SHEET DATE	06/11/2014	AD	
DESIGN		AD	
CHECKED		CV	

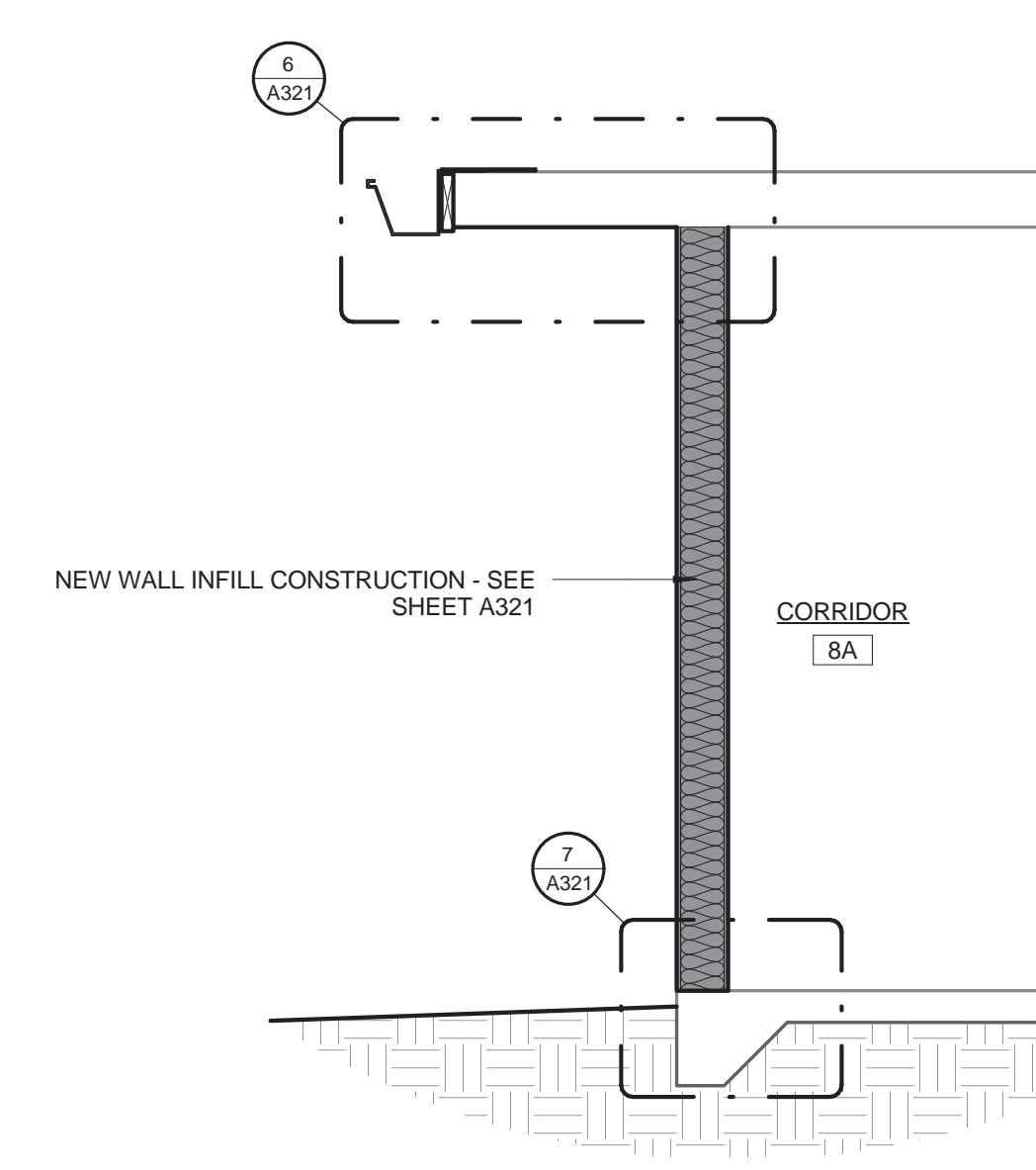
A001

KEYNOTE LEGEND

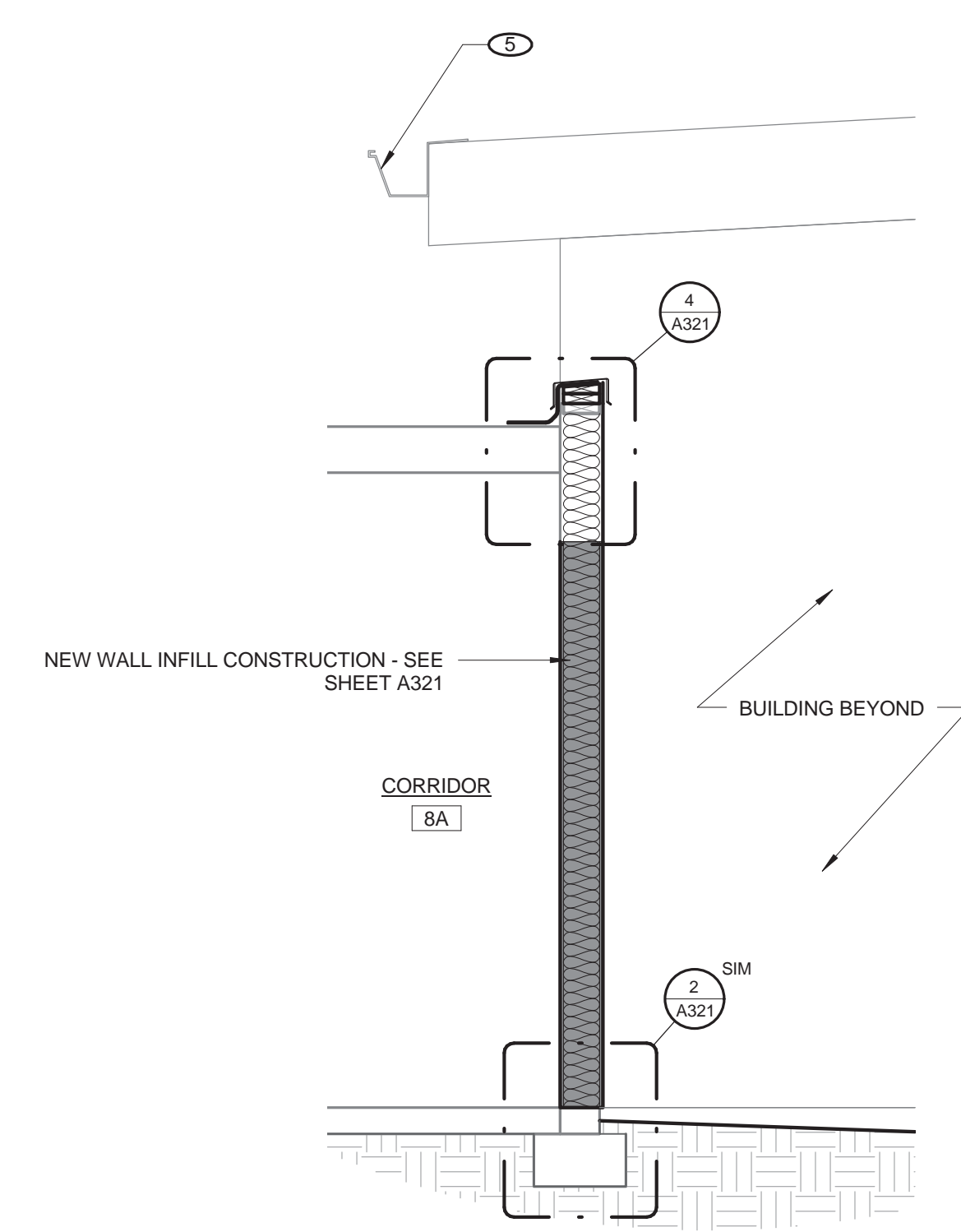
- 1 EXISTING ROOF LINE ABOVE
- 2 NEW WALL INFILL CONSTRUCTION - SEE SHEET A321
- 3 NEW PLYWOOD SIDING AND THERMAL INSULATION IN STUD CAVITY - SEE SHEET A321
- 4 INSTALL DOOR, FRAME, AND HARDWARE FROM DOOR 5B SALVAGED DURING DEMOLITION
- 5 CAP (E) GUTTER BEYOND
- 7 INSTALL PANIC DOOR HARDWARE FROM DOOR 8B SALVAGED DURING DEMOLITION
- 8 (E) PANELBOARD TO REMAIN
- 9 PROVIDE DOUBLE SIDED EXIT SIGN WITH BATTERY BACKUP. MATCH EXISTING EXIT SIGNS. CONNECT TO NEAREST LIGHTING BRANCH CIRCUIT
- 10 INSTALL NEW GUTTER TO MATCH EXISTING. CONNECT TO EXISTING GUTTER ASSEMBLY
- 11 TEMPORARY FENCE. CONNECT TO FENCING AT TRACK WHERE OCCURS

WALL FILL PATTERNS:

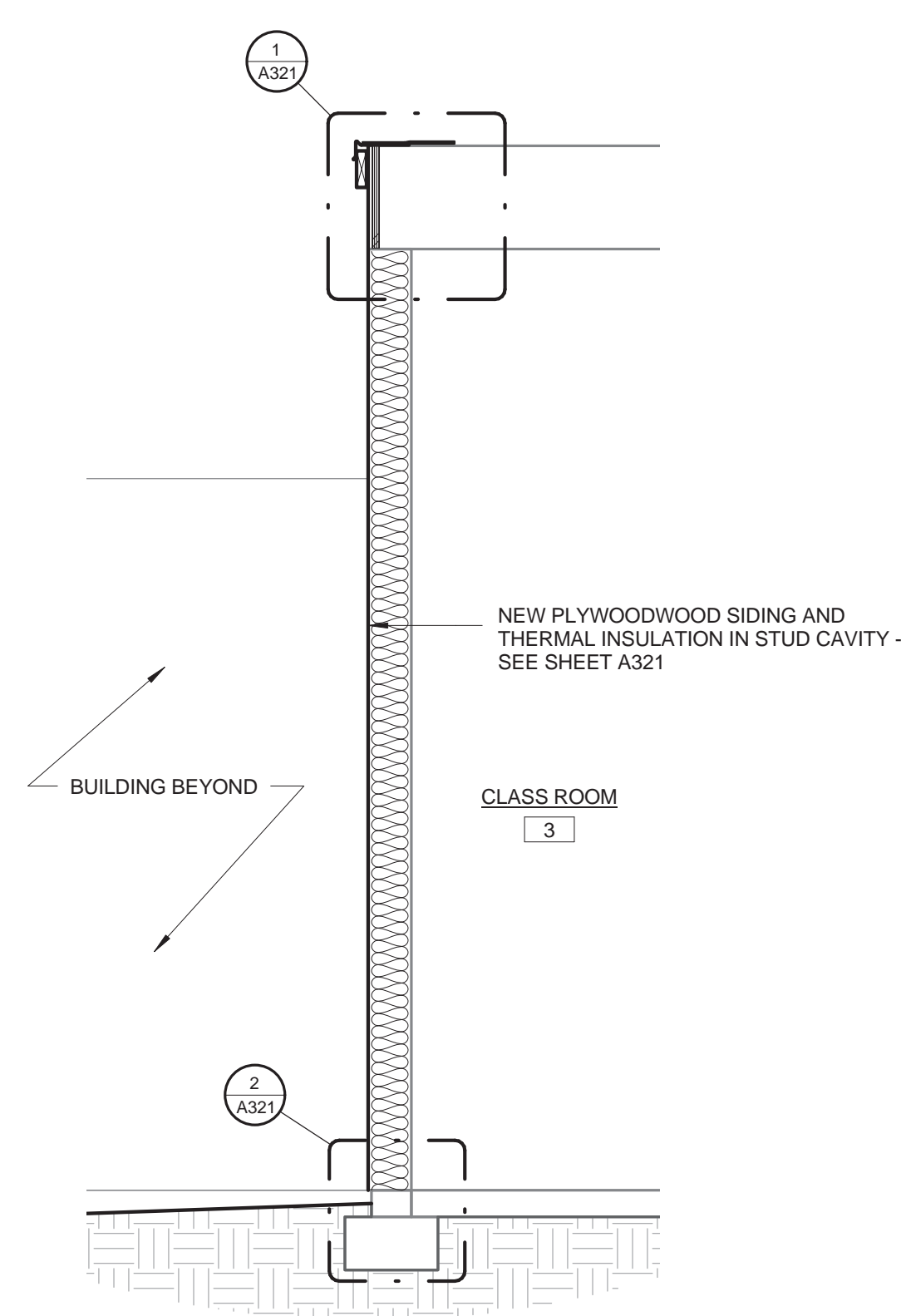
-  - EXISTING WALL ASSEMBLY
-  - EXISTING WALL ASSEMBLY WITH NEW THERMAL INSULATION AND PLYWOOD SIDING - SEE A321
-  - NEW, NON FIRE-RATED WALL ASSEMBLY
-  - NEW, THERMAL INSULATED WALL ASSEMBLY



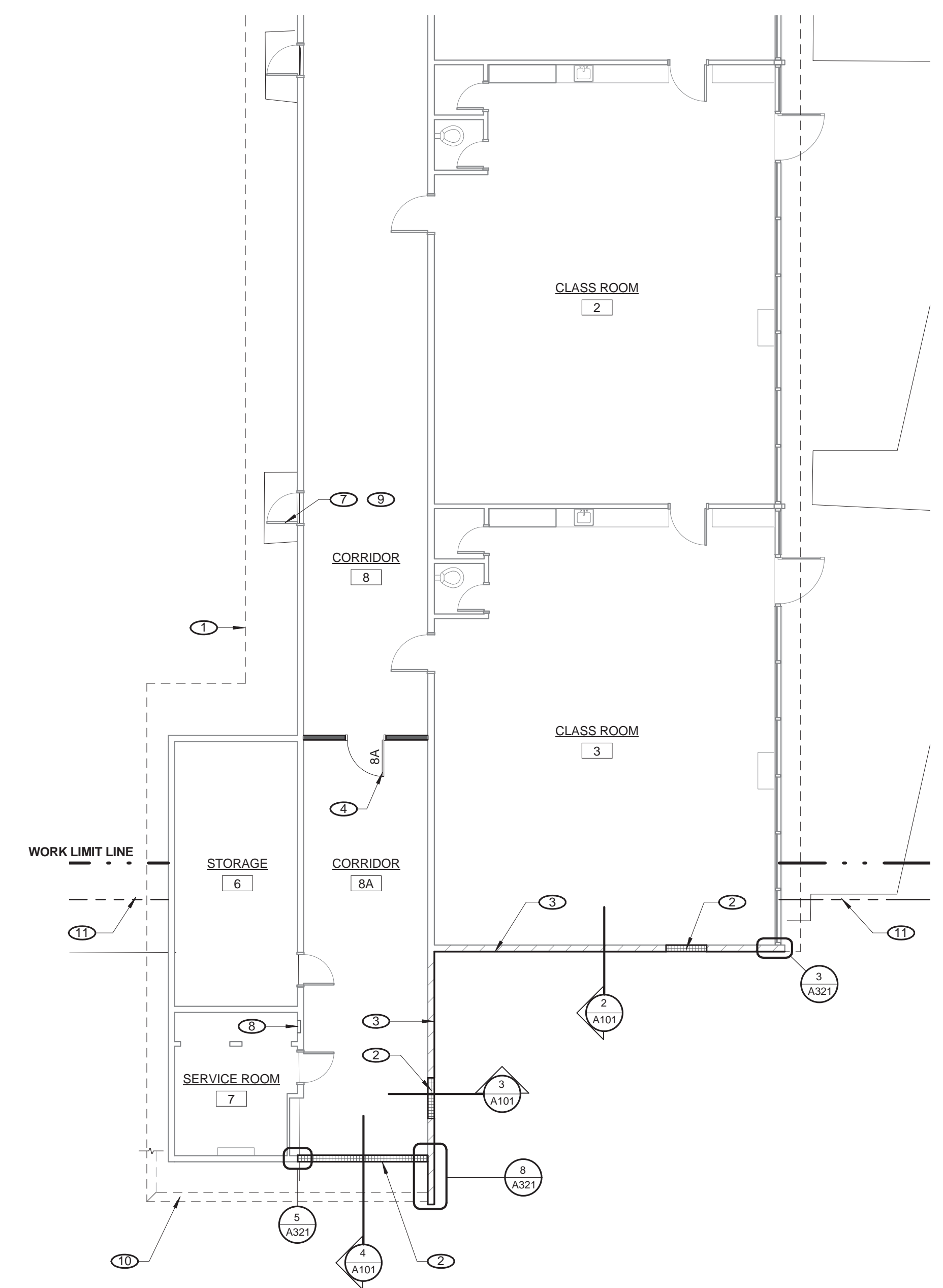
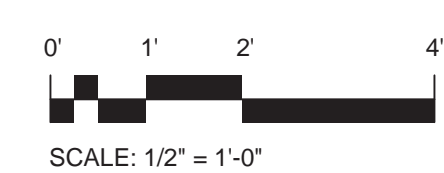
4 WALL SECTION C
1/2" = 1'-0"



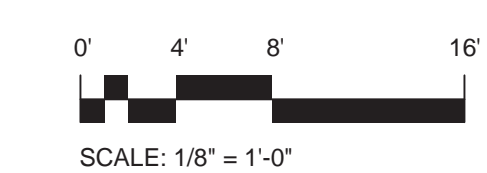
3 WALL SECTION B
1/2" = 1'-0"



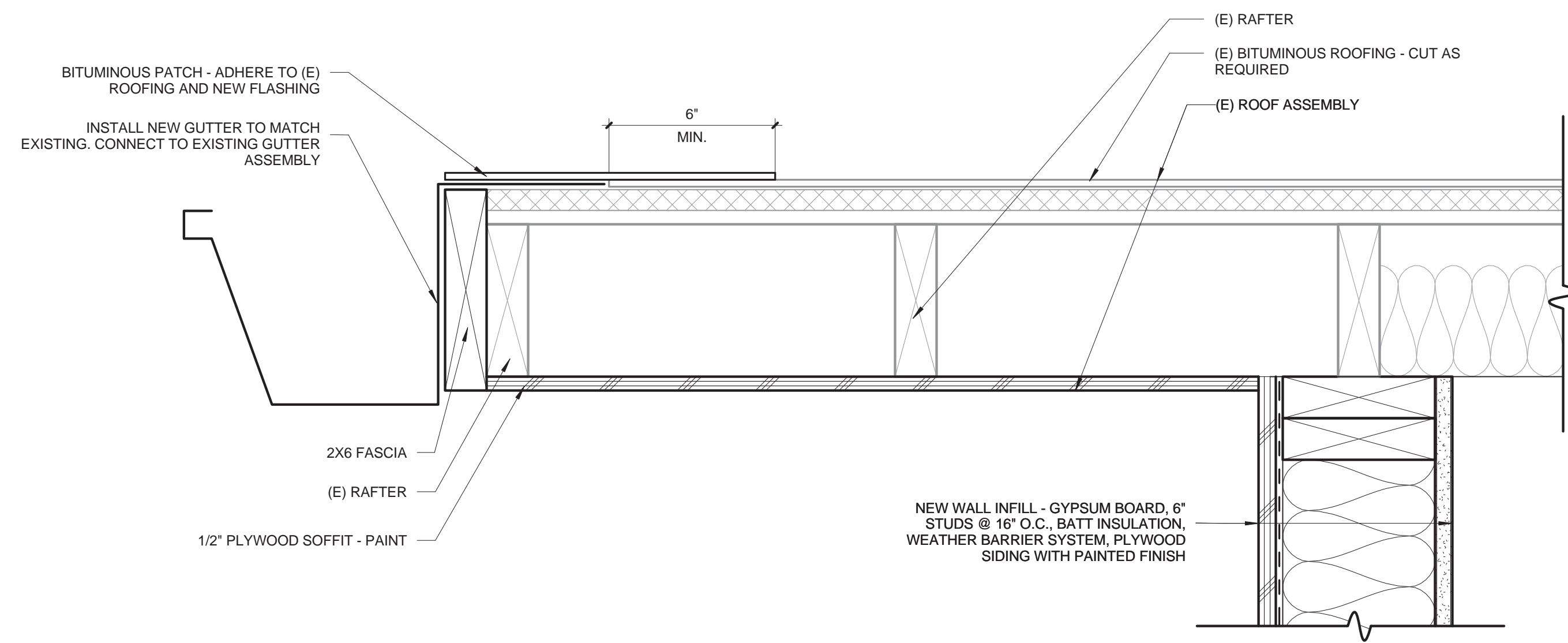
2 WALL SECTION A
1/2" = 1'-0"



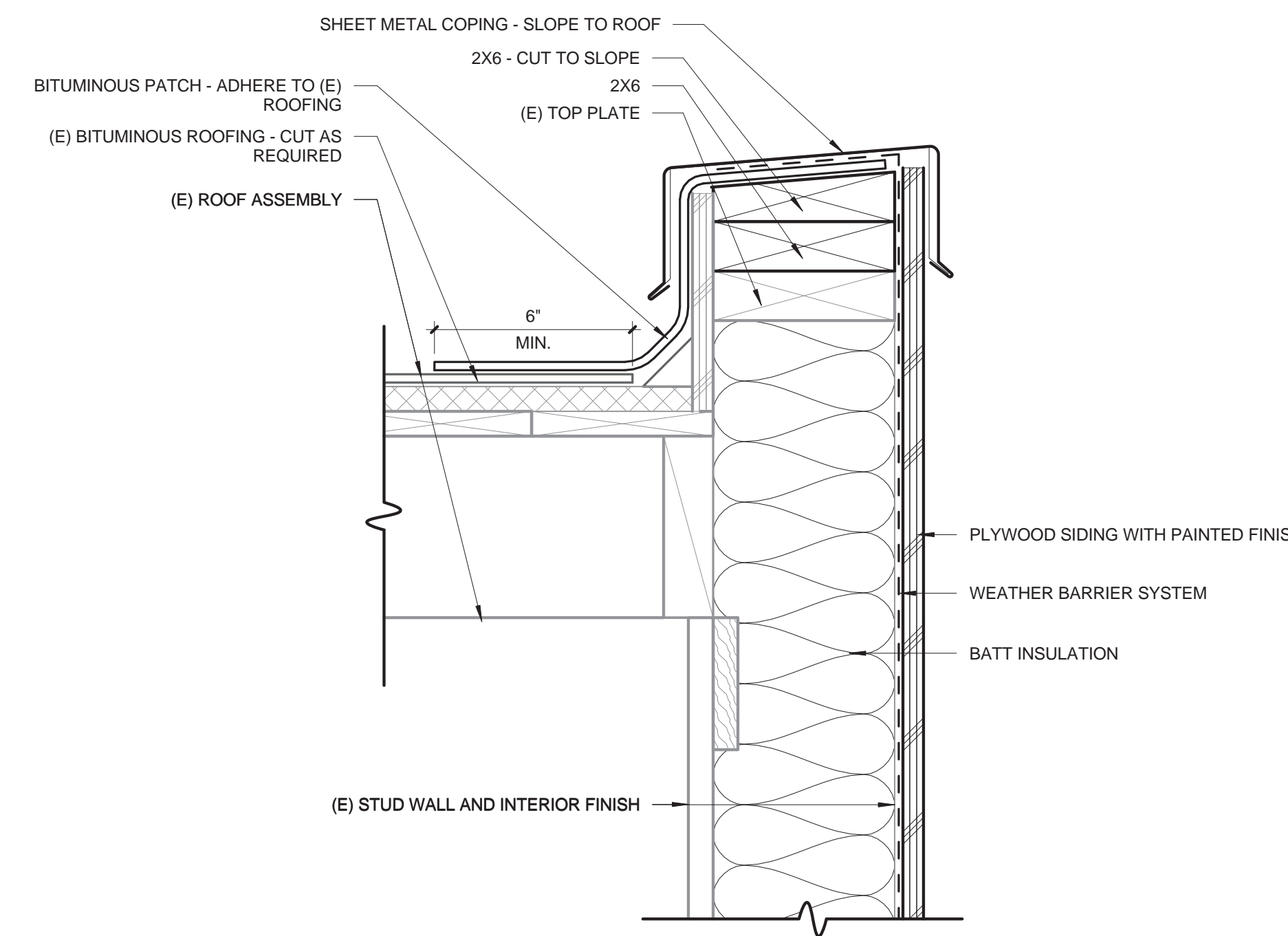
1 PARTIAL FIRST FLOOR PLAN
1/8" = 1'-0"



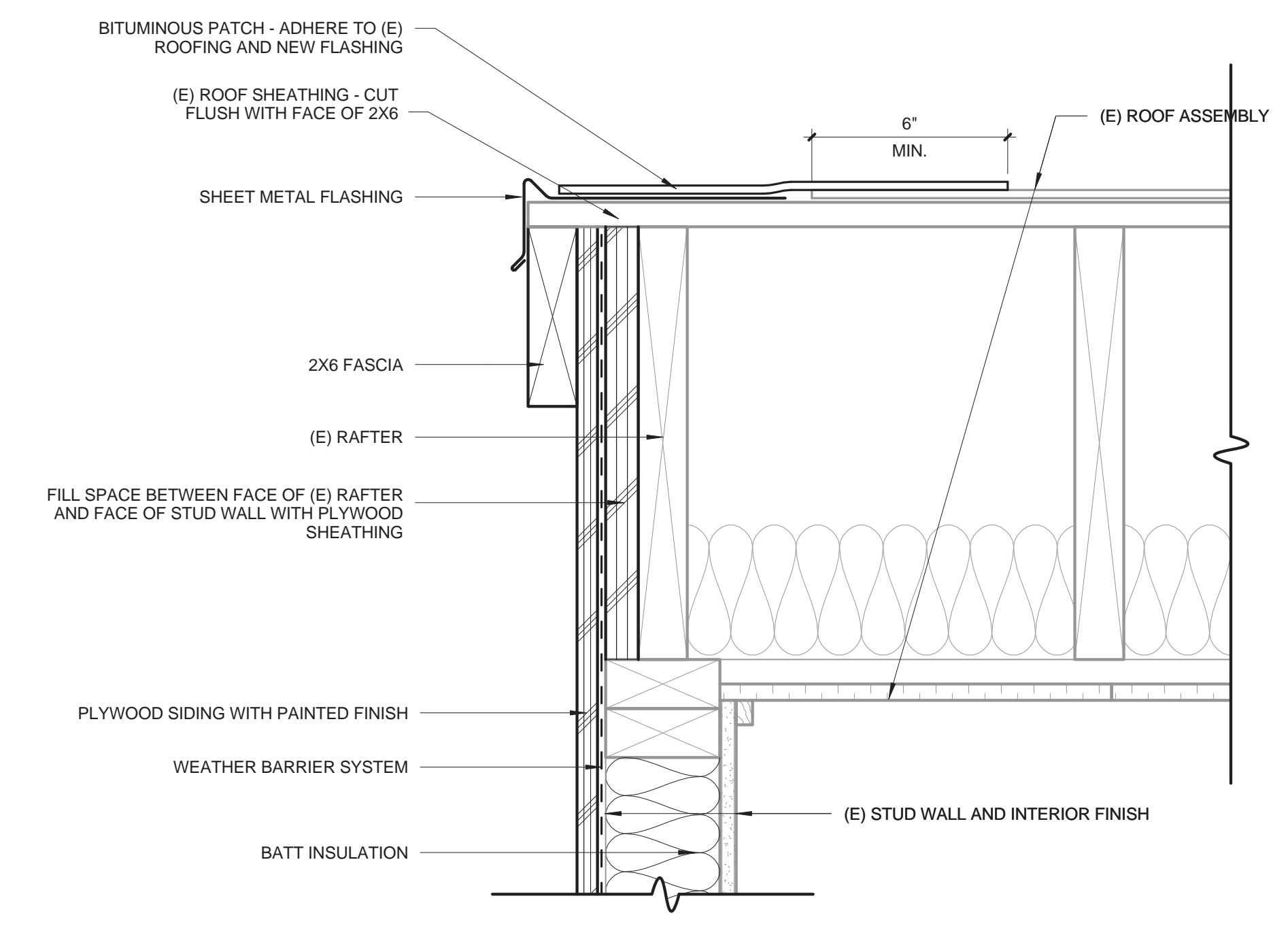
PROJECT #	1336	PERSON	
ISSUE DATE	06/11/2014	AD	
DESIGN		AD	
CHECKED		CV	



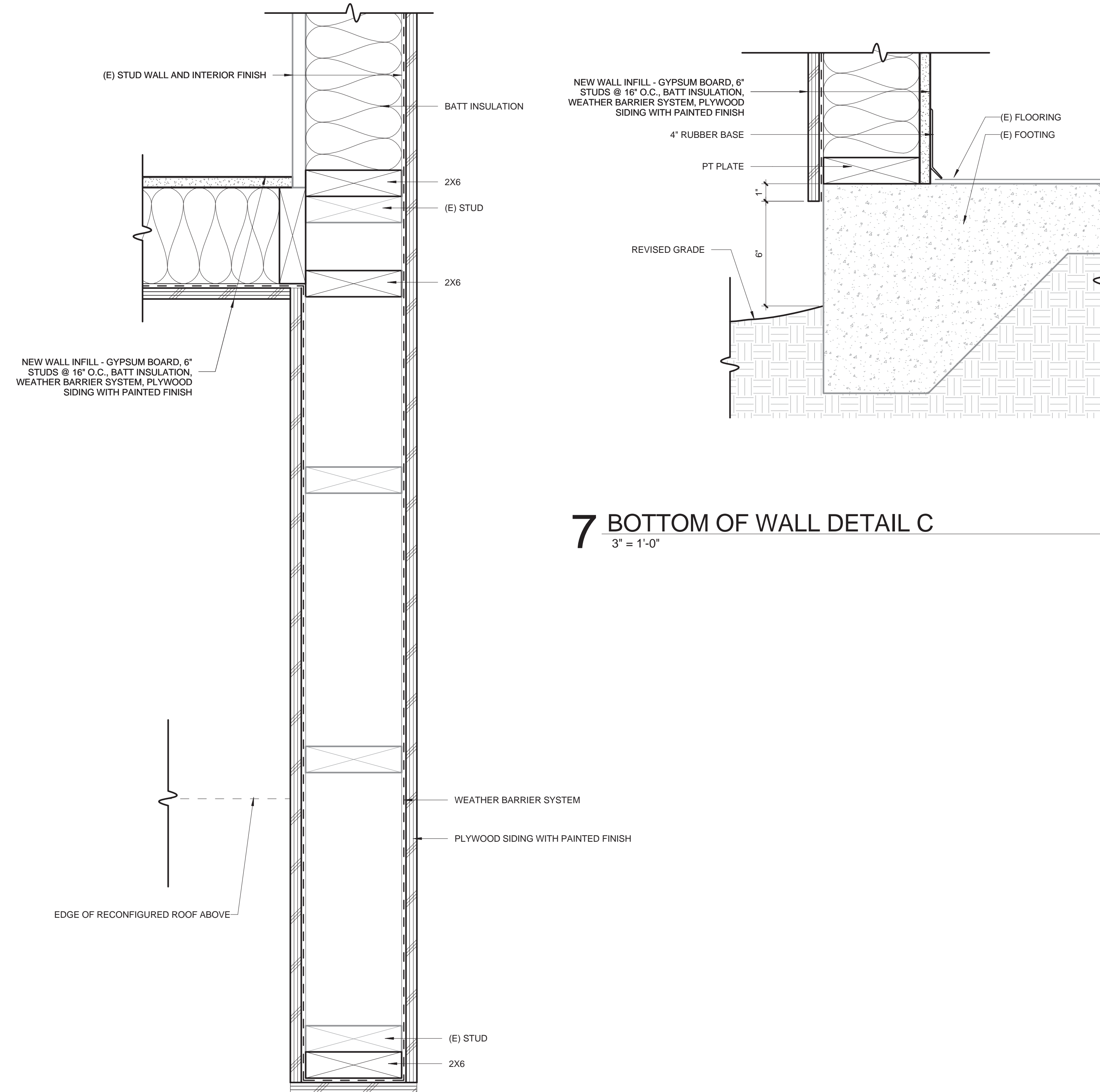
6 TOP OF WALL DETAIL C
3" = 1'-0"



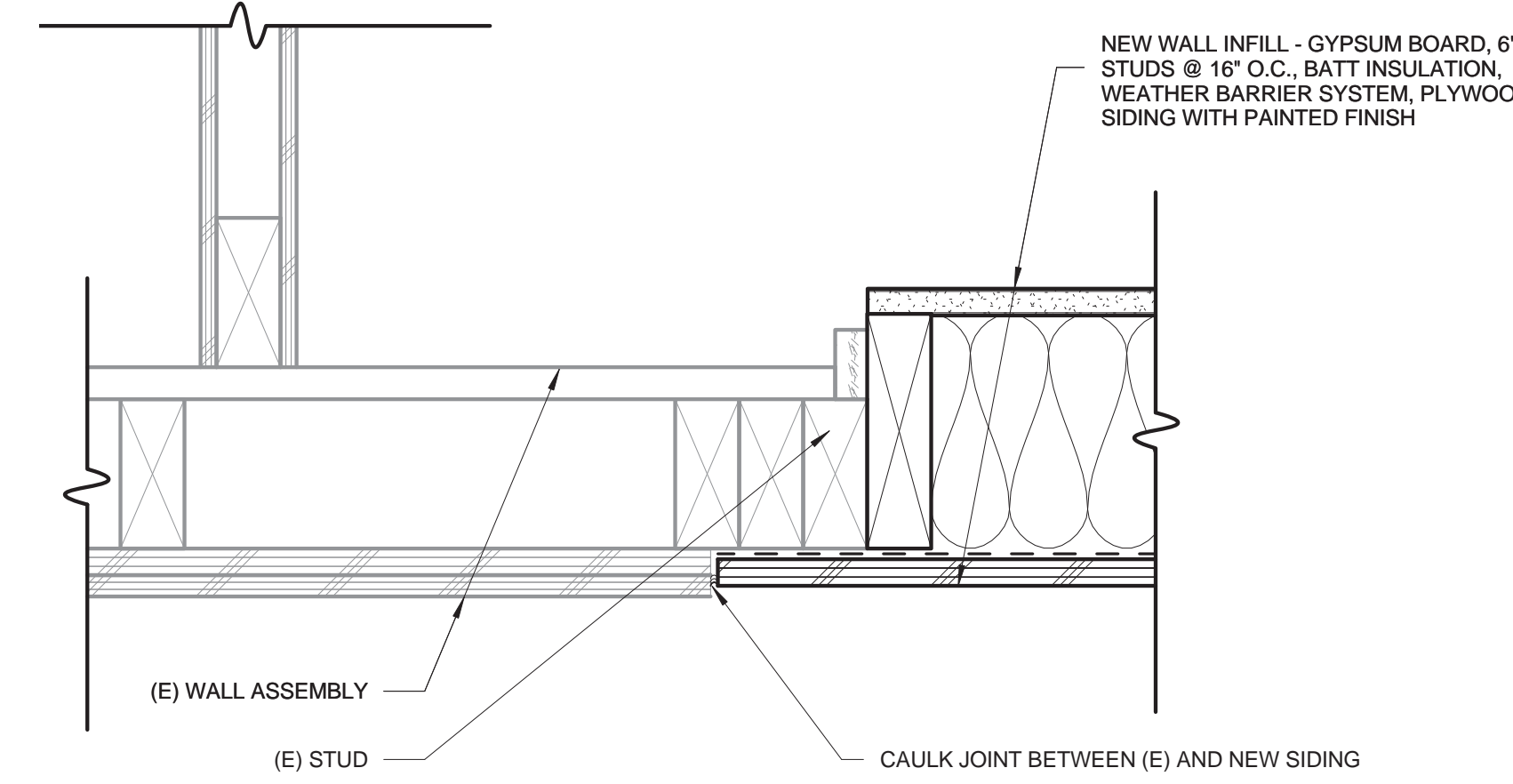
4 TOP OF WALL DETAIL B
3" = 1'-0"



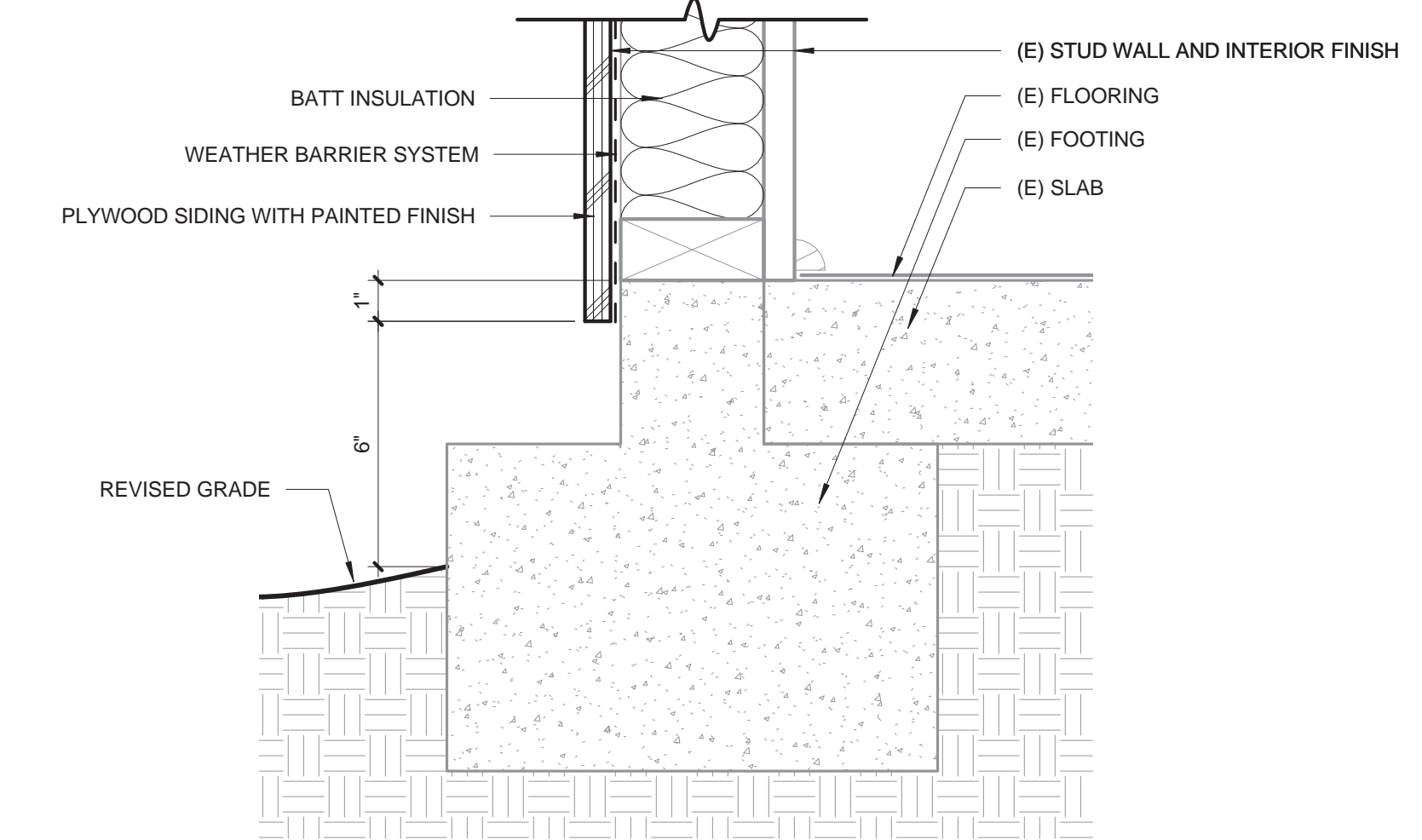
1 TOP OF WALL DETAIL A
3" = 1'-0"



7 BOTTOM OF WALL DETAIL C
3" = 1'-0"

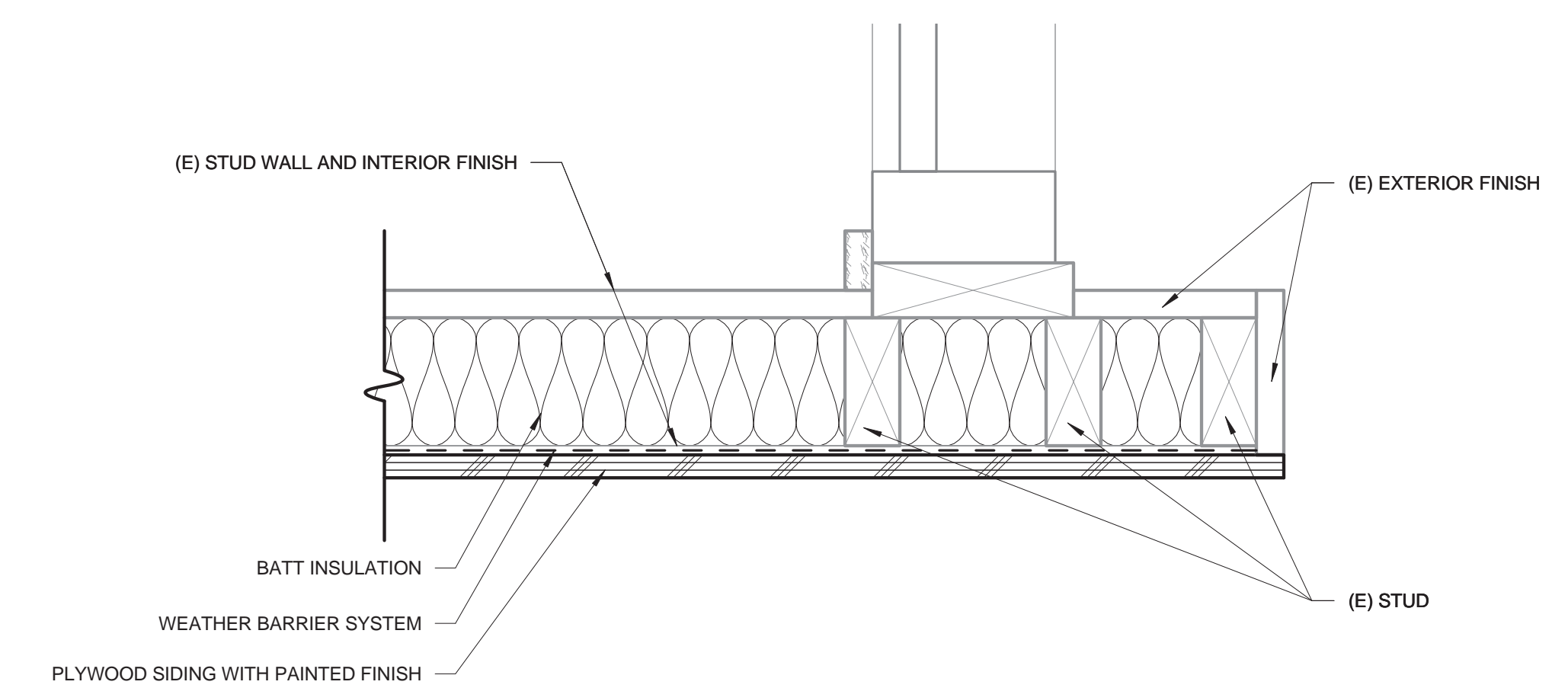


5 PLAN DETAIL - NEW WALL INFILL
3" = 1'-0"



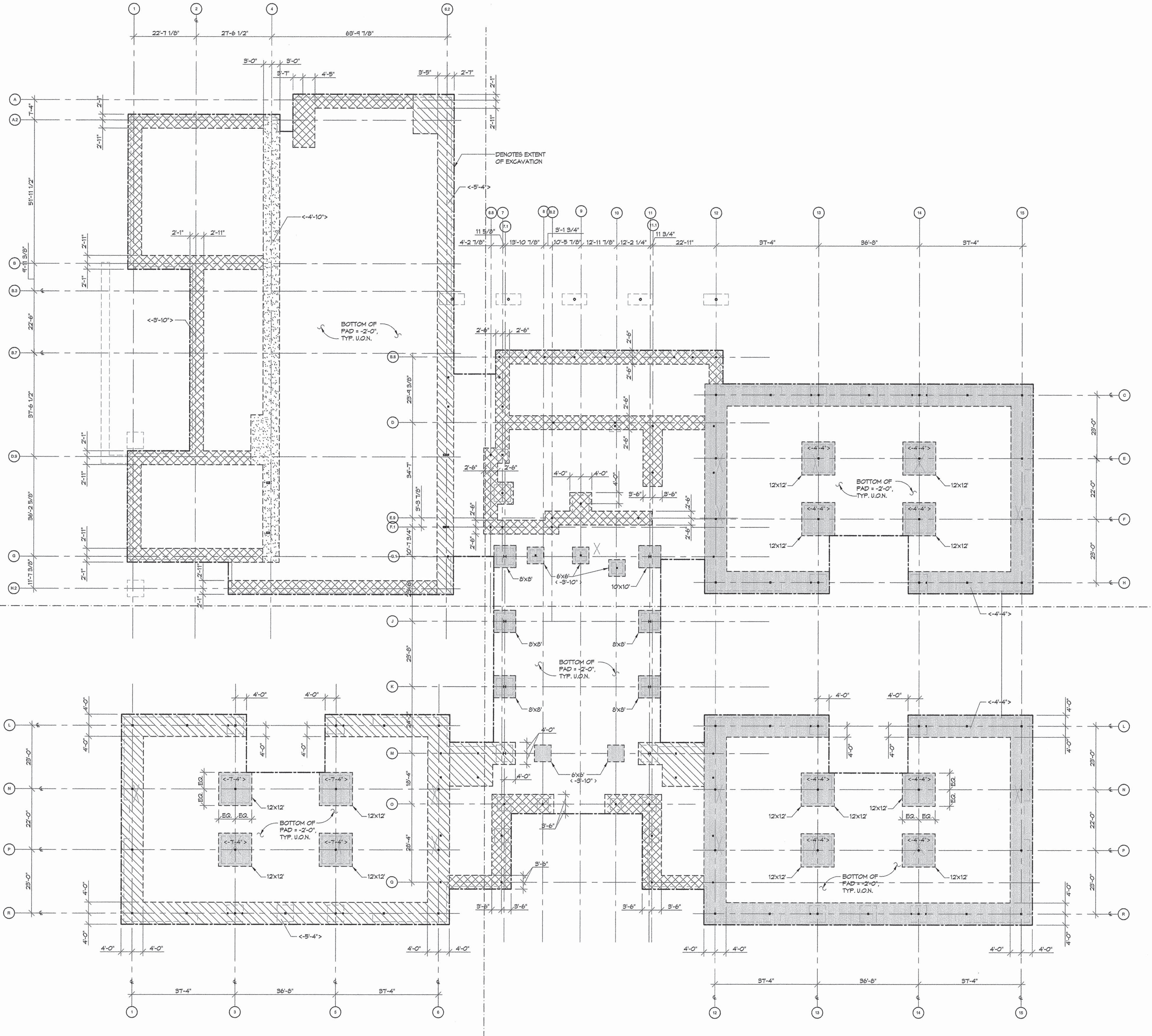
2 BOTTOM OF WALL DETAIL A
3" = 1'-0"

8 PLAN DETAIL AT SOUTH END OF WALL
3" = 1'-0"



3 PLAN DETAIL - CLASSROOM CORNER
3" = 1'-0"

PROJECT #	1336	REVISION	
SHEET DATE	06/11/2014	DATE	
DRAWN	AD	CHECKED	CW



- NOTES:**
1. THIS DRAWING IS INTENDED TO BE USED IN CONJUNCTION WITH DRAWINGS AND SPECIFICATIONS PROVIDED BY OTHERS.
 2. BUILDING GRID DIMENSIONS PROVIDED ON THIS SHEET WERE OBTAINED BY IMPORTING THE ELECTRONIC REVIT MODEL PROVIDED BY THE ARCHITECTS (PIVOT ARCHITECTURE AND DONA-BU) DATED MAY 25, 2014.
 3. WIDTHS AND DEPTHS OF EXCAVATION WERE DETERMINED WITH INFORMATION PROVIDED BY THE GEOTECHNICAL CONSULTANT, FOUNDATION ENGINEERS (FE). SEE THE ORIGINAL REPORT, DATED DECEMBER 31, 2013 AND ADDENDUM TO THE REPORT, DATED JUNE 06, 2014 (FE PROJECT 2131078).
 4. BUILDING FINISHED FLOOR RELATIVE ELEVATION (FFE) = 0'-0" = DATUM ELEV. 1946.5'. TOP OF COMPACTED STRUCTURAL FILL (BUILDING PAD) TO BE AT +1'-0" BELOW FFE (DATUM ELEV. = 945.5').
 5. BOTTOM OF SUBGRADE/COMPACTED STRUCTURAL FILL TO BE AT -2'-0" BELOW FFE UNLESS OTHERWISE INDICATED.

--- DENOTES EXTENT OF BUILDING PAD EXCAVATION

[Cross-hatch pattern] DENOTES BOTTOM OF COMPACTED STRUCTURAL FILL w/ REL. ELEV = -1'-10"

[Diagonal hatch pattern] DENOTES BOTTOM OF COMPACTED STRUCTURAL FILL w/ REL. ELEV = -4'-4"

[Dotted pattern] DENOTES BOTTOM OF COMPACTED STRUCTURAL FILL w/ REL. ELEV = -4'-10"

[Diagonal hatch pattern] DENOTES BOTTOM OF COMPACTED STRUCTURAL FILL w/ REL. ELEV = -5'-4"

[Square with 'X' pattern] DENOTES SQUARE EXCAVATION ELEVATION W/ DIMENSIONS AS NOTED. BTM OF FILL REL. ELEV = -5'-4" UNLESS OTHERWISE NOTED THIS: <X'X'X'>

OVERALL BUILDING PAD PLAN
1/16" = 1'-0"



HOBBACHLEWIN, INC.
STRUCTURAL ENGINEERS
2700 East 25th Ave. Suite 302
Eugene, OR 97401
(541) 346-7771 Fax (541) 346-1702

EARTHWORK AND DEMOLITION PACKAGE
EUGENE SCHOOL DISTRICT
440 BRADMAN ST. EUGENE, OREGON
4J
HOWARD ELEMENTARY SCHOOL

OVERALL BUILDING
PAD PLAN

PROJECT #:	13008	REVISIONS:	
ISSUE DATE:	11 JUNE 2014	AMA	
DRAWN:	AMA	WB	
CHECKED:			