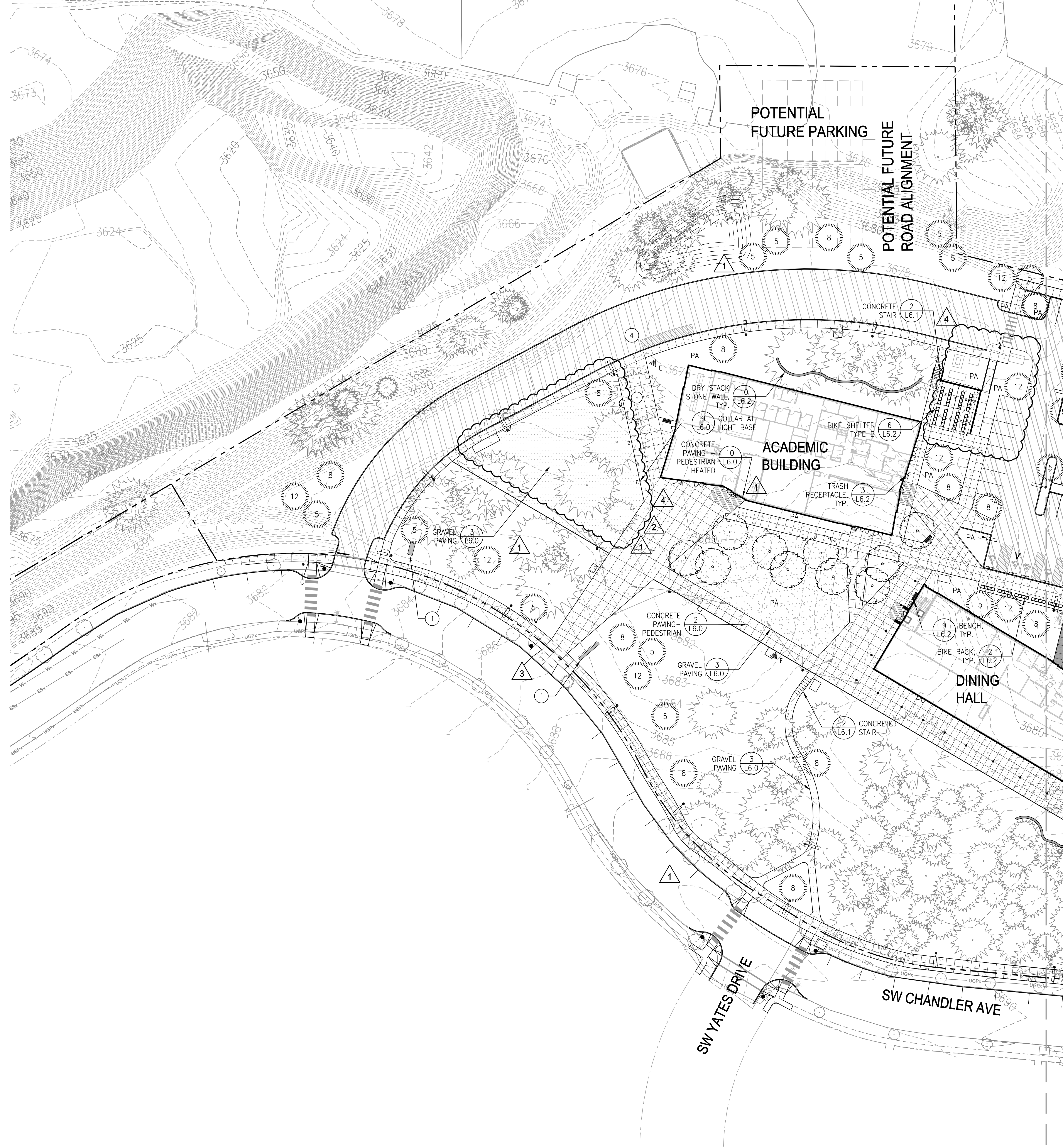


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SITE PLAN LEGEND

- 80' MAXIMUM BUILDING SETBACK
- PROPERTY LINE
- [Grid Pattern] CONCRETE PAVING - PEDESTRIAN
- [Solid Grey] CONCRETE PAVING - VEHICULAR
- [Diagonal Lines] CONCRETE PAVING - PEDESTRIAN HEATED (ALTERNATE)
- [Cross-hatch] ASPHALT PAVING - VEHICULAR
- [Dotted] GRAVEL PAVING - PEDESTRIAN
- [Wavy Line] DETECTABLE WARNING
- [Stippled] LAWN AREA
- PA PLANTING AREA
- [Bike Icon] BIKE RACK
- [Bench Icon] BENCH
- [Trash Icon] TRASH RECEPTACLE
- [Fence Icon] EXISTING 6' TALL CHAINLINK FENCE
- [Circle with 5] PROPOSED TREE
- [Starburst] EXISTING PINE TREE
- [Star] EXISTING JUNIPER TREE
- [Circle with 5] EXISTING DECIDUOUS TREE

GENERAL NOTES

1. CONTRACTOR TO NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN THE PLANS AND THE EXISTING CONDITIONS BEFORE STARTING WORK.

BIKE PARKING SUMMARY

COVERED BIKE PARKING	144
UNCOVERED BIKE PARKING	180
TOTAL	324

PARKING SUMMARY

COMPACT PARKING (SEE KEY NOTE 10)	79
ADA PARKING	10
STANDARD PARKING	173
ON STREET PARKING ON PRIVATE ROAD	39*
ON-STREET PARKING ON CHANDLER	21*
TOTAL	324

* ON-STREET PARKING ASSUMES ONE SPACE PER 24' LINEAL FEET.

"V" DENOTES (2) DESIGNATED VAN PARKING AND WHEELCHAIR USER ONLY

KEY NOTES

- ① MONUMENT SIGN LOCATION
- ② ENTRY SIGN LOCATION
- ③ EXISTING SIDEWALK TO REMAIN
- ④ FIRE ACCESS
- ⑤ COMPACT PARKING
- ⑥ SIGN TO DIRECT USERS TO NEAREST ACCESSIBLE ROUTE

SITE LIGHTING LEGEND - SEE LIGHTING PLANS

- MAST LIGHTING
- ◻ PEDESTRIAN STYLE POLE LIGHTING
- ◻ PARKING LOT POLE LIGHTS
- ◻ EXISTING STREET LIGHTING TO REMAIN
- ◻ BOLLARD LIGHTING
- ◻ NEW STREET LIGHTING
- ◻ BLUE PHONE

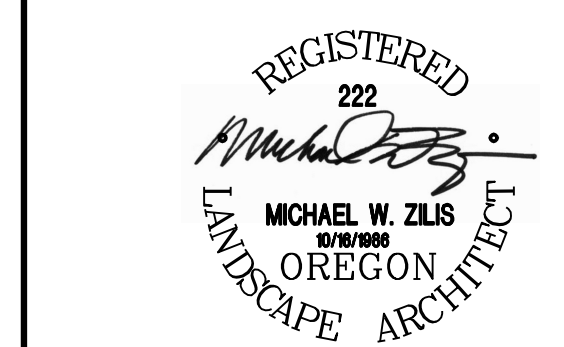
NOTE: ELECTRICAL LEGEND IS SHOWN ON LANDSCAPE PLANS FOR SITE COORDINATION PURPOSES ONLY. REFER TO ELECTRICAL PLANS FOR SPECIFIC SITE ELECTRICAL INFORMATION.

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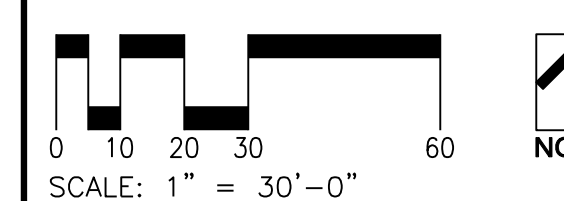


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Phase 1**
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①	07/14/15	ASI 001

Issued: September 4, 2015

Scale: 1" = 30'

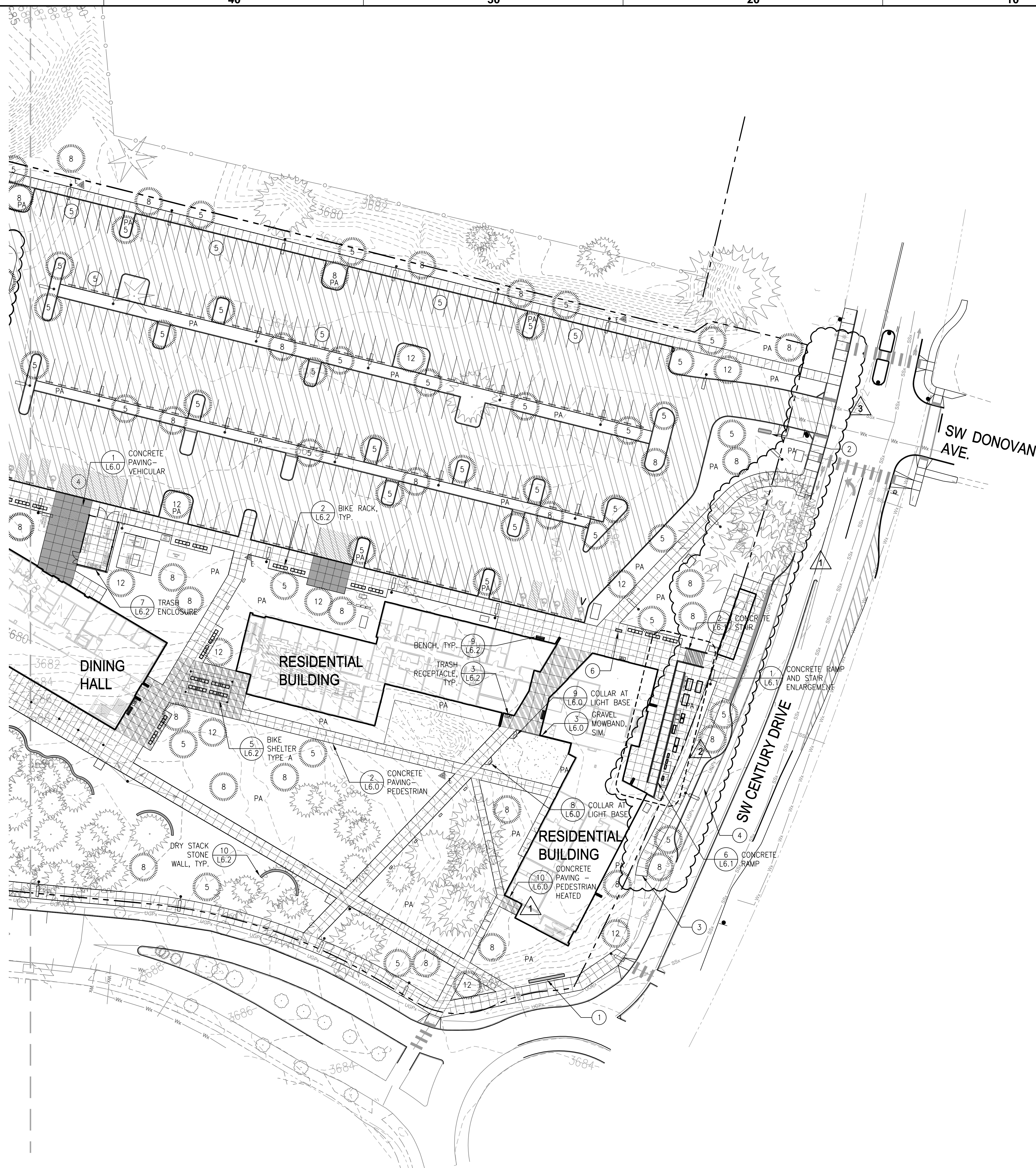


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MATERIALS PLAN

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SITE PLAN LEGEND

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- [Solid Grey] CONCRETE PAVING - VEHICULAR
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- [Horizontal Lines] GRAVEL PAVING - PEDESTRIAN
- [Dotted] DETECTABLE WARNING
- [Stippled] LAWN AREA
- PA PLANTING AREA
- [Rectangles] BIKE RACK
- [Horizontal Lines] BENCH
- [Square] TRASH RECEPTACLE
- [Circle with X] EXISTING 6' TALL CHAINLINK FENCE
- [Circle with 5] PROPOSED TREE
- [Circle with 8] EXISTING PINE TREE
- [Star] EXISTING JUNIPER TREE
- [Circle with 10] EXISTING DECIDUOUS TREE

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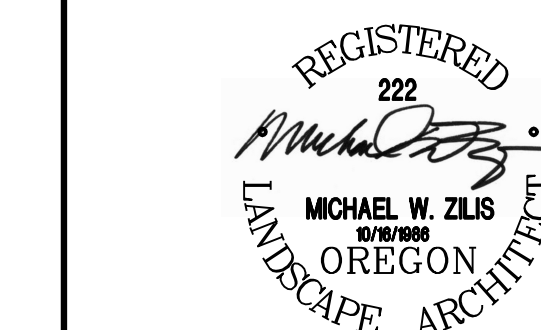
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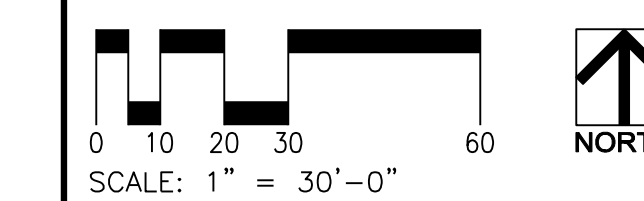


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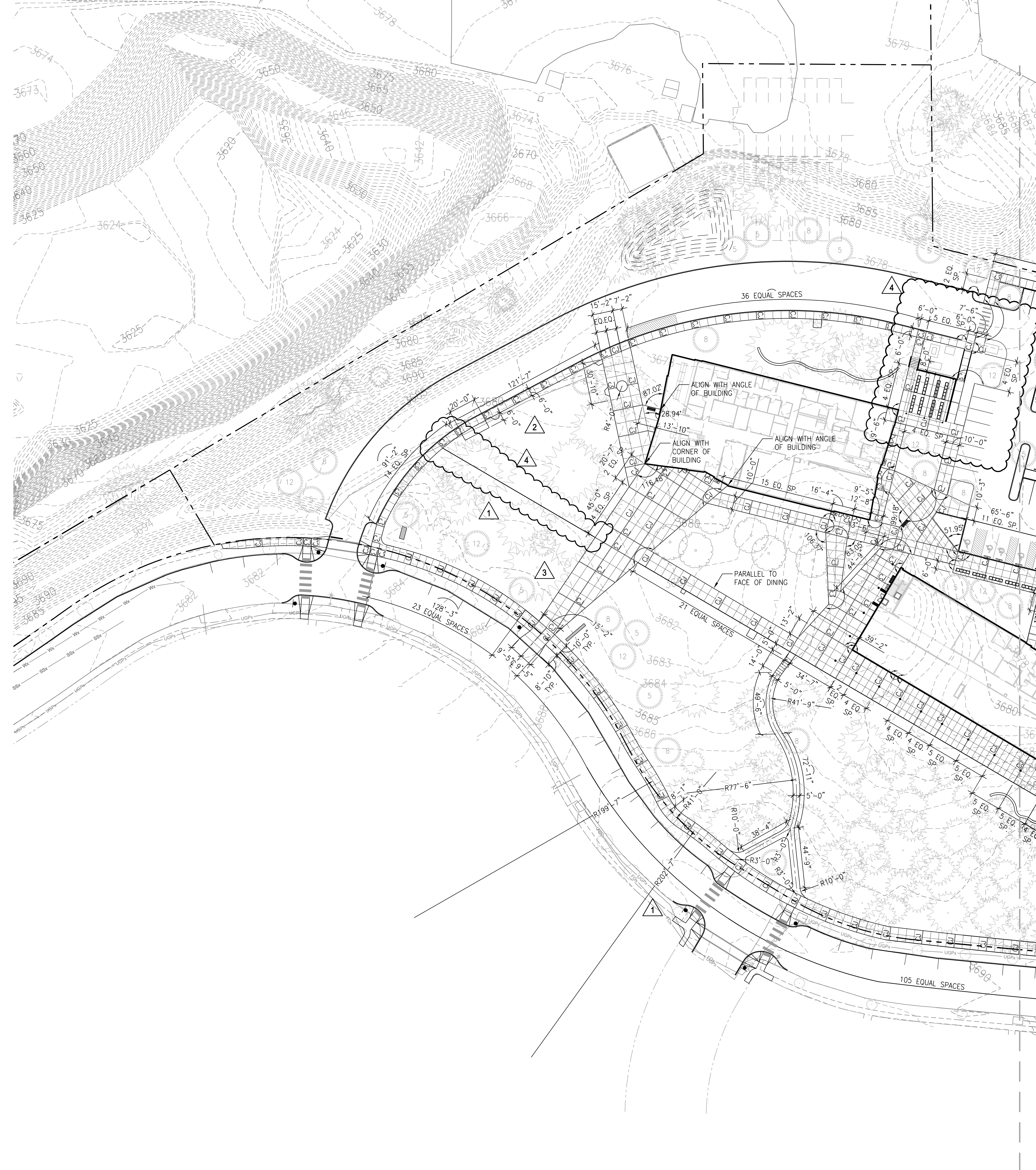
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MATERIALS PLAN

L2.1

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LEGEND

- BASELINE
- - - CENTERLINE
- - - EXTENSION OF BUILDING FACE
- CJ — CONTRACTION JOINT (5/16.0)
- DJJ — DOWELLED ISOLATION JOINT (7/16.0)
- EQ EQUAL
- OC ON CENTER
- POB POINT OF BEGINNING
- R RADIUS
- SP SPACES
- VIF VERIFY IN FIELD
- ALIGN

LAYOUT NOTES

1. SITE SURVEY WAS PREPARED BY WHPACIFIC ON NOVEMBER 20, 2013. ALL COORDINATES SHOWN ON THE DRAWINGS ARE BASED UPON THE COORDINATE SYSTEM ESTABLISHED BY THE SURVEYOR. WALKER MACY ASSUMES NO RESPONSIBILITY FOR ACCURACY OF SURVEYED CONDITIONS AS SHOWN. SURVEY INFORMATION IS PROVIDED FOR REFERENCE ONLY.
2. DO NOT SCALE FROM THE DRAWINGS. THE LOCATION OF FEATURES NOT SPECIFICALLY DIMENSIONED MAY NOT BE DETERMINED BY SCALE. IF CONFLICTS ARISE IN THE FIELD, CONTACT OWNER'S REPRESENTATIVE FOR RESOLUTION.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF BUILDINGS AND WALLS OR BACK OF CURBS, UNLESS OTHERWISE NOTED.
4. ALL CURVED OBJECTS SHALL HAVE SMOOTH, CONTINUOUS CURVES WITH CONSISTENT RADII AS INDICATED. EACH CURVE SHALL MEET ADJACENT CURVES OR LINEAR SECTIONS ON THE TANGENT, UNLESS NOTED OTHERWISE.

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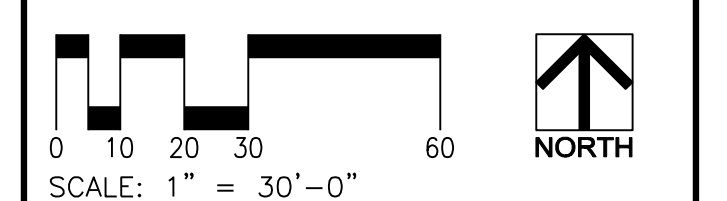
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LAYOUT PLAN

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LEGEND

- BASELINE
- CENTERLINE
- EXTENSION OF BUILDING FACE
- CJ --- CONTRACTION JOINT $\frac{5}{L6.0}$
- DIJ --- DOWELLED ISOLATION JOINT $\frac{7}{L6.0}$
- EQ EQUAL
- OC ON CENTER
- POB POINT OF BEGINNING
- R RADIUS
- SP SPACES
- VIF VERIFY IN FIELD
- ALIGN

LAYOUT NOTES

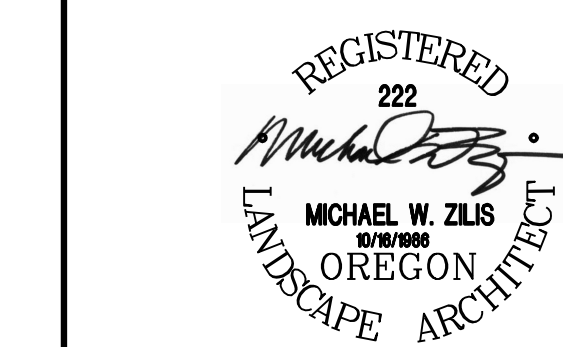
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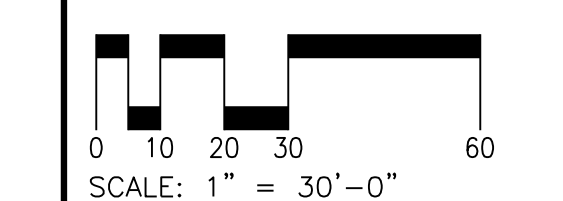


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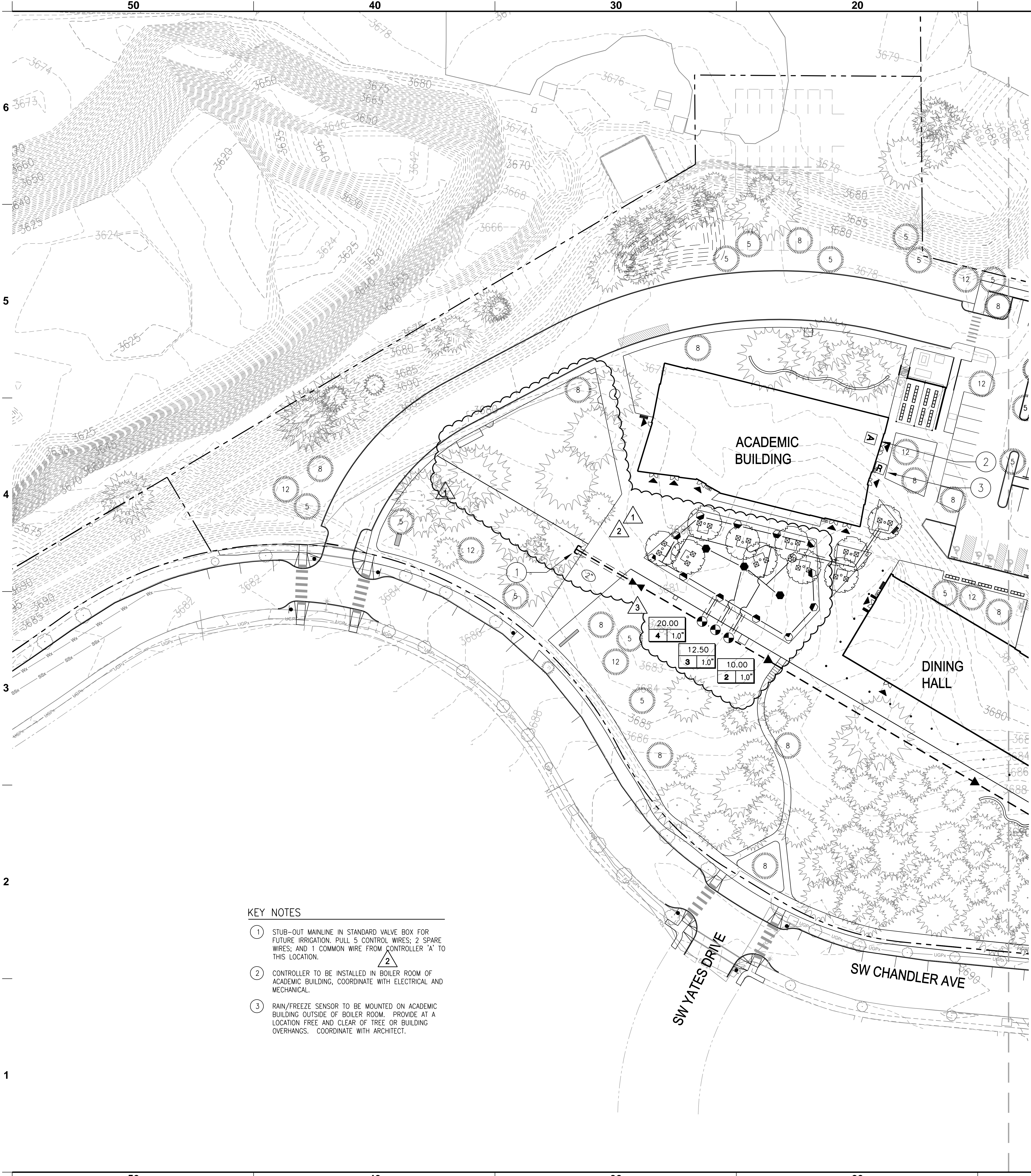
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LAYOUT PLAN

L3.1



IRRIGATION NOTES

1. THE CONTRACTOR SHALL INSPECT THE SITE AND VERIFY CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY DISCREPANCIES AFFECTING SYSTEM PERFORMANCE PRIOR TO BEGINNING WORK.
2. INSTALL IRRIGATION SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
3. IRRIGATION LINES SHOWN WITHIN PAVED AREAS ARE FOR GRAPHIC CLARITY ONLY. IRRIGATION HEADS AND PIPES ARE TO BE PLACED WITHIN LANDSCAPED AREAS WITH THEIR LOCATIONS MODIFIED AS REQUIRED TO AVOID PLANT MATERIALS, UTILITIES AND OTHER OBSTRUCTIONS. PLACE LINES IN COMMON TRENCHES WHERE POSSIBLE.
4. COORDINATE ALL IRRIGATION WORK WITH OTHER TRADES INVOLVED. COORDINATE IRRIGATION P.O.C. AND LOCATION OF AUTOMATIC CONTROLLER.
5. ALL VALVE BOXES WILL BE PLACED IN A MANNER WHICH FACILITATES ACCESS FOR MAINTENANCE. LOCATE VALVE BOXES IN PLANTING AREAS WHEREVER POSSIBLE. SIZE BOXES TO ACCOMMODATE COMPLETE VALVE ASSEMBLY INCLUDING UNIONS.
6. ALL COMPONENTS OF IRRIGATION SYSTEM SHALL BE INSTALLED AND ADJUSTED TO PROVIDE ADEQUATE COVERAGE AND ELIMINATE OVERSPRAY ONTO BUILDINGS, ROADS AND WALKWAYS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE WORKING SYSTEM.
7. CONTRACTOR SHALL VERIFY STATIC PRESSURE AT APPROXIMATELY 79 P.S.I. AT THE P.O.C. PRIOR TO COMMENCING WORK. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IF ACTUAL FIELD DATA DIFFERS FROM THIS INFORMATION.
8. THIS SYSTEM REQUIRES A MINIMUM STATIC PRESSURE OF 75 P.S.I. AND A MAXIMUM FLOW OF 25 GPM AT POINT-OF-CONNECTION. HEAD LAYOUT AND ZONES ARE BASED ON THIS DATA AND DATA SHOWN IN IRRIGATION SCHEDULE. NOTIFY THE OWNERS REPRESENTATIVE PRIOR TO COMMENCING WORK IF ACTUAL FIELD DATA DIFFERS FROM THIS INFORMATION.
9. CONTRACTOR TO SIZE IRRIGATION LATERALS STARTING AT THE VALVE AND CONTINUING IN DIRECTION OF FLOW. REDUCTIONS IN PIPE SIZE SHALL BE LABELED BEGINNING DOWNSTREAM OF NEAREST FITTING. ALL LATERALS SHALL BE MINIMUM 3/4" OR SAME SIZE AS NEAREST UPSTREAM PIPE. CONTRACTOR TO PROVIDE PIPE SIZING ON AS-BUILT MARKUPS.
10. INSTALL ALL IRRIGATION PIPES IN PVC SLEEVES BELOW ALL PAVED SURFACES. COORDINATE PLACEMENT OF SLEEVES WITH APPLICABLE TRADES.
11. GRADE MAIN AND LATERAL LINES TO DRAIN. PLACE MANUAL DRAINS AT LOW POINT IN MAINLINES.

VALVE KEY:

0.00	GALLONS PER MINUTE
X X.X"	VALVE SIZE
	CONTROLLER STATION NUMBER

IRRIGATION MULTI-STREAM ROTARY HEAD SCHEDULE

SYMBOL	DESCRIPTION	GPM	PSI	RADIUS	DTL/SHEET
*NOTE: USE 6" POP-UP BODIES IN LAWN AREAS; AND 12" POP-UP BODIES IN PLANTING AREAS.					
	HUNTER PROS-XX*-PRS40-MP-2000-90	0.40	40	19'	11/L6.1
	HUNTER PROS-XX*-PRS40-MP-2000-120	0.57	40	19'	
	HUNTER PROS-XX*-PRS40-MP-2000-180	0.74	40	19'	
	HUNTER PROS-XX*-PRS40-MP-2000-240	0.86	40	19'	
	HUNTER PROS-XX*-PRS40-MP-2000-270	1.10	40	19'	
	HUNTER PROS-XX*-PRS40-MP-2000-360	1.47	40	19'	
	HUNTER PROS-XX*-PRS40-MP-3000-90	0.86	40	30'	
	HUNTER PROS-XX*-PRS40-MP-3000-180	1.82	40	30'	
	HUNTER PROS-XX*-PRS40-MP-3000-210	2.12	40	30'	
	HUNTER PROS-XX*-PRS40-MP-3000-270	2.73	40	30'	
	HUNTER PROS-XX*-PRS40-MP-3000-360	3.64	40	30'	
	RAINBIRD RWS-M-B-1402 (2 PER TREE)	1.00	30	N/A	12/L6.1

IRRIGATION EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	MANUF.	TYPE/MODEL	DTL/SHEET
P.O.C.	POINT OF CONNECTION	-	-	1/L6.1
	ISOLATION VALVE	APOLLO	77 SERIES (LINE SIZE)	5/L6.1
	MANUAL DRAIN VALVE	NIBCO CHAMPION	T-311-Y (1") 200RS-100 (1")	7/L6.1
	SUB SURFACE HOSE BIB	CHAMPION	I-401	8/L6.1
	MASTER VALVE (NORMALLY OPEN)	SUPERIOR BERMAID	MODEL 5000 (X") MODEL 400 (X")	3/L6.1
	PRESSURE-REGULATING REMOTE CONTROL VALVE	RAINBIRD	PEB-PRS-D (SIZE AS NOTED)	6/L6.1
	FLOW SENSOR	RAINBIRD	FS100P	4/L6.1
	IRRIGATION CONTROLLER	RAINBIRD	REFER TO SPECS	2/L6.1
	RAIN/FREEZE SHUT-OFF	RAINBIRD	WR2-RFC WIRELESS RAIN/FREEZE COMBO	
	MAINLINE STUB OUT			
	MAINLINE (2")	PW EAGLE CRESLINE	SCH 40 PVC	9/L6.1
	LATERAL LINE, SIZE PER PLAN	PW EAGLE CRESLINE	SCH 40 PVC	9/L6.1
	SLEEVE, SIZE 2 x PIPE DIA.	PW EAGLE CRESLINE	SCH 40 PVC	10/L6.1

KEY NOTES

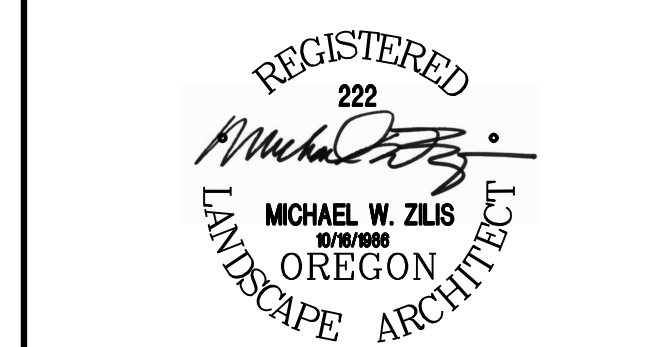
1. STUB-OUT MAINLINE IN STANDARD VALVE BOX FOR FUTURE IRRIGATION. PULL 5 CONTROL WIRES; 2 SPARE WIRES; AND 1 COMMON WIRE FROM CONTROLLER "A" TO THIS LOCATION.
2. CONTROLLER TO BE INSTALLED IN BOILER ROOM OF ACADEMIC BUILDING, COORDINATE WITH ELECTRICAL AND MECHANICAL.
3. RAIN/FREEZE SENSOR TO BE MOUNTED ON ACADEMIC BUILDING OUTSIDE OF BOILER ROOM. PROVIDE AT A LOCATION FREE AND CLEAR OF TREE OR BUILDING OVERHANGS. COORDINATE WITH ARCHITECT.

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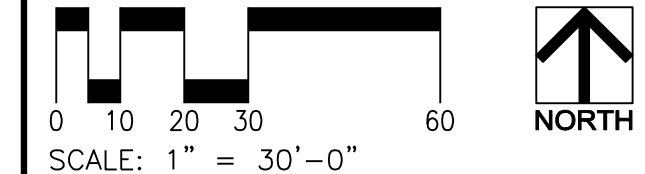


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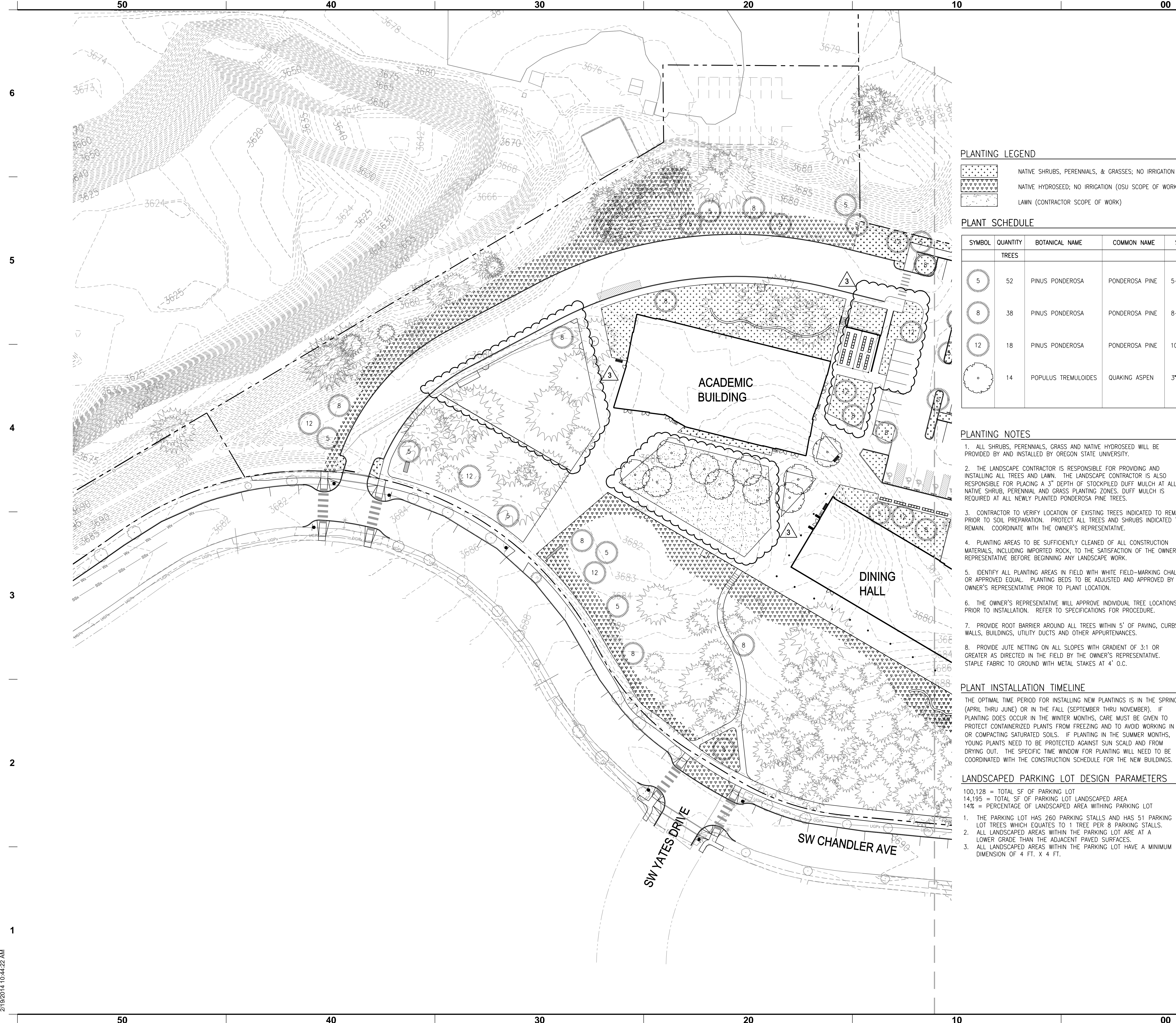
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IRRIGATION PLAN

L4.0



PLANTING LEGEND

	NATIVE SHRUBS, PERENNIALS, & GRASSES; NO IRRIGATION (OSU SCOPE OF WORK)
	NATIVE HYDROSEED; NO IRRIGATION (OSU SCOPE OF WORK)
	LAWN (CONTRACTOR SCOPE OF WORK)

PLANT SCHEDULE

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
TREES					
	52	PINUS PONDEROSA	PONDEROSA PINE	5-6 FT.	SEE DETAIL 2, SHEET L6.2
	38	PINUS PONDEROSA	PONDEROSA PINE	8-10 FT.	SEE DETAIL 2, SHEET L6.2
	18	PINUS PONDEROSA	PONDEROSA PINE	10-14 FT.	SEE DETAIL 2, SHEET L6.2
	14	POPULUS TREMULOIDES	QUAKING ASPEN	3" CAL	SEE DETAIL 11, SHEET L6.1 BRANCHED AT 6'-0"

PLANTING NOTES

- ALL SHRUBS, PERENNIALS, GRASS AND NATIVE HYDROSEED WILL BE PROVIDED BY AND INSTALLED BY OREGON STATE UNIVERSITY.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL TREES AND LAWN. THE LANDSCAPE CONTRACTOR IS ALSO RESPONSIBLE FOR PLACING A 3" DEPTH OF STOCKPILED DUFF MULCH AT ALL NATIVE SHRUB, PERENNIAL AND GRASS PLANTING ZONES. DUFF MULCH IS REQUIRED AT ALL NEWLY PLANTED PONDEROSA PINE TREES.
- CONTRACTOR TO VERIFY LOCATION OF EXISTING TREES INDICATED TO REMAIN PRIOR TO SOIL PREPARATION. PROTECT ALL TREES AND SHRUBS INDICATED TO REMAIN. COORDINATE WITH THE OWNER'S REPRESENTATIVE.
- PLANTING AREAS TO BE SUFFICIENTLY CLEANED OF ALL CONSTRUCTION MATERIALS, INCLUDING IMPORTED ROCK, TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE BEFORE BEGINNING ANY LANDSCAPE WORK.
- IDENTIFY ALL PLANTING AREAS IN FIELD WITH WHITE FIELD-MARKING CHALK OR APPROVED EQUAL. PLANTING BEDS TO BE ADJUSTED AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PLANT LOCATION.
- THE OWNER'S REPRESENTATIVE WILL APPROVE INDIVIDUAL TREE LOCATIONS PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR PROCEDURE.
- PROVIDE ROOT BARRIER AROUND ALL TREES WITHIN 5' OF PAVING, CURBS, WALLS, BUILDINGS, UTILITY DUCTS AND OTHER APPURTENANCES.
- PROVIDE JUTE NETTING ON ALL SLOPES WITH GRADIENT OF 3:1 OR GREATER AS DIRECTED IN THE FIELD BY THE OWNER'S REPRESENTATIVE. STAPLE FABRIC TO GROUND WITH METAL STAKES AT 4' O.C.

PLANT INSTALLATION TIMELINE

THE OPTIMAL TIME PERIOD FOR INSTALLING NEW PLANTINGS IS IN THE SPRING (APRIL THRU JUNE) OR IN THE FALL (SEPTEMBER THRU NOVEMBER). IF PLANTING DOES OCCUR IN THE WINTER MONTHS, CARE MUST BE GIVEN TO PROTECT CONTAINERIZED PLANTS FROM FREEZING AND TO AVOID WORKING IN OR COMPACTING SATURATED SOILS. IF PLANTING IN THE SUMMER MONTHS, YOUNG PLANTS NEED TO BE PROTECTED AGAINST SUN SCALD AND FROM DRYING OUT. THE SPECIFIC TIME WINDOW FOR PLANTING WILL NEED TO BE COORDINATED WITH THE CONSTRUCTION SCHEDULE FOR THE NEW BUILDINGS.

LANDSCAPED PARKING LOT DESIGN PARAMETERS

- 100,128 = TOTAL SF OF PARKING LOT
 14,195 = TOTAL SF OF PARKING LOT LANDSCAPED AREA
 14% = PERCENTAGE OF LANDSCAPED AREA WITHIN PARKING LOT
- THE PARKING LOT HAS 260 PARKING STALLS AND HAS 51 PARKING LOT TREES WHICH EQUATES TO 1 TREE PER 8 PARKING STALLS.
 - ALL LANDSCAPED AREAS WITHIN THE PARKING LOT ARE AT A LOWER GRADE THAN THE ADJACENT PAVED SURFACES.
 - ALL LANDSCAPED AREAS WITHIN THE PARKING LOT HAVE A MINIMUM DIMENSION OF 4 FT. X 4 FT.

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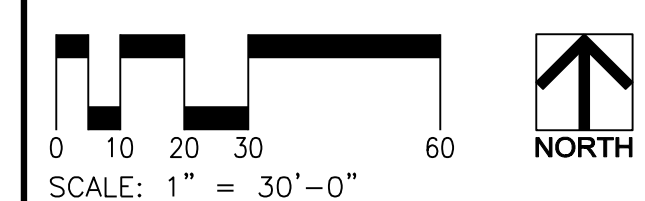


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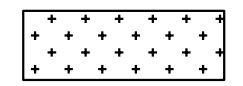
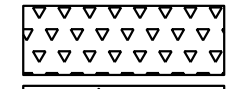
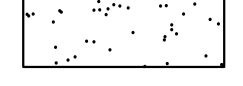
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PLANTING PLAN


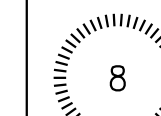


L5.0



PLANTING LEGEND

-  NATIVE SHRUBS, PERENNIALS, & GRASSES; NO IRRIGATION (OSU SCOPE OF WORK)
-  NATIVE HYDROSEED; NO IRRIGATION (OSU SCOPE OF WORK)
-  LAWN (CONTRACTOR SCOPE OF WORK)

PLANT SCHEDULE

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
TREES					
	52	PINUS PONDEROSA	PONDEROSA PINE	5-6 FT.	SEE DETAIL 2, SHEET L6.2
	38	PINUS PONDEROSA	PONDEROSA PINE	8-10 FT.	SEE DETAIL 2, SHEET L6.2
	18	PINUS PONDEROSA	PONDEROSA PINE	10-14 FT.	SEE DETAIL 2, SHEET L6.2
	14	POPULUS TREMULOIDES	QUAKING ASPEN	3" CAL	SEE DETAIL 11, SHEET L6.1, BRANCHED AT 6'-0"

PLANTING NOTES

1. ALL SHRUBS, PERENNIALS, GRASS AND NATIVE HYDROSEED WILL BE PROVIDED BY AND INSTALLED BY OREGON STATE UNIVERSITY.
2. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL TREES AND LAWN. THE LANDSCAPE CONTRACTOR IS ALSO RESPONSIBLE FOR PLACING A 3" DEPTH OF STOCKPILED DUFF MULCH AT ALL NATIVE SHRUB, PERENNIAL AND GRASS PLANTING ZONES. DUFF MULCH IS REQUIRED AT ALL NEWLY PLANTED PONDEROSA PINE TREES.
3. CONTRACTOR TO VERIFY LOCATION OF EXISTING TREES INDICATED TO REMAIN PRIOR TO SOIL PREPARATION. PROTECT ALL TREES AND SHRUBS INDICATED TO REMAIN. COORDINATE WITH THE OWNER'S REPRESENTATIVE.
4. PLANTING AREAS TO BE SUFFICIENTLY CLEANED OF ALL CONSTRUCTION MATERIALS, INCLUDING IMPORTED ROCK, TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE BEFORE BEGINNING ANY LANDSCAPE WORK.
5. IDENTIFY ALL PLANTING AREAS IN FIELD WITH WHITE FIELD-MARKING CHALK OR APPROVED EQUAL. PLANTING BEDS TO BE ADJUSTED AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PLANT LOCATION.
6. THE OWNER'S REPRESENTATIVE WILL APPROVE INDIVIDUAL TREE LOCATIONS PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR PROCEDURE.
7. PROVIDE ROOT BARRIER AROUND ALL TREES WITHIN 5' OF PAVING, CURBS, WALLS, BUILDINGS, UTILITY DUCTS AND OTHER APPURTENANCES.
8. PROVIDE JUTE NETTING ON ALL SLOPES WITH GRADIENT OF 3:1 OR GREATER AS DIRECTED IN THE FIELD BY THE OWNER'S REPRESENTATIVE. STAPLE FABRIC TO GROUND WITH METAL STAKES AT 4' O.C.

PLANT INSTALLATION TIMELINE

THE OPTIMAL TIME PERIOD FOR INSTALLING NEW PLANTINGS IS IN THE SPRING (APRIL THRU JUNE) OR IN THE FALL (SEPTEMBER THRU NOVEMBER). IF PLANTING DOES OCCUR IN THE WINTER MONTHS, CARE MUST BE GIVEN TO PROTECT CONTAINERIZED PLANTS FROM FREEZING AND TO AVOID WORKING IN OR COMPACTING SATURATED SOILS. IF PLANTING IN THE SUMMER MONTHS, YOUNG PLANTS NEED TO BE PROTECTED AGAINST SUN SCALD AND FROM DRYING OUT. THE SPECIFIC TIME WINDOW FOR PLANTING WILL NEED TO BE COORDINATED WITH THE CONSTRUCTION SCHEDULE FOR THE NEW BUILDINGS.

LANDSCAPED PARKING LOT DESIGN PARAMETERS



- 100,128 = TOTAL SF OF PARKING LOT
 - 14,195 = TOTAL SF OF PARKING LOT LANDSCAPED AREA
 - 14% = PERCENTAGE OF LANDSCAPED AREA WITHIN PARKING LOT
1. THE PARKING LOT HAS 260 PARKING STALLS AND HAS 51 PARKING LOT TREES WHICH EQUATES TO 1 TREE PER 8 PARKING STALLS.
 2. ALL LANDSCAPED AREAS WITHIN THE PARKING LOT ARE AT A LOWER GRADE THAN THE ADJACENT PAVED SURFACES.
 3. ALL LANDSCAPED AREAS WITHIN THE PARKING LOT HAVE A MINIMUM DIMENSION OF 4 FT. X 4 FT.

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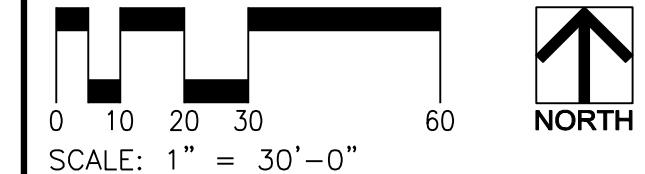


**OSU Cascades Campus
Phase 1**
1500 SW Chandler Avenue
Bend, Oregon 97702

MARK	DATE	DESCRIPTION
	12/21/15	CCD 017
	07/14/15	ASI 001

Issued: September 4, 2015

Scale: 1" = 30'-0"



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