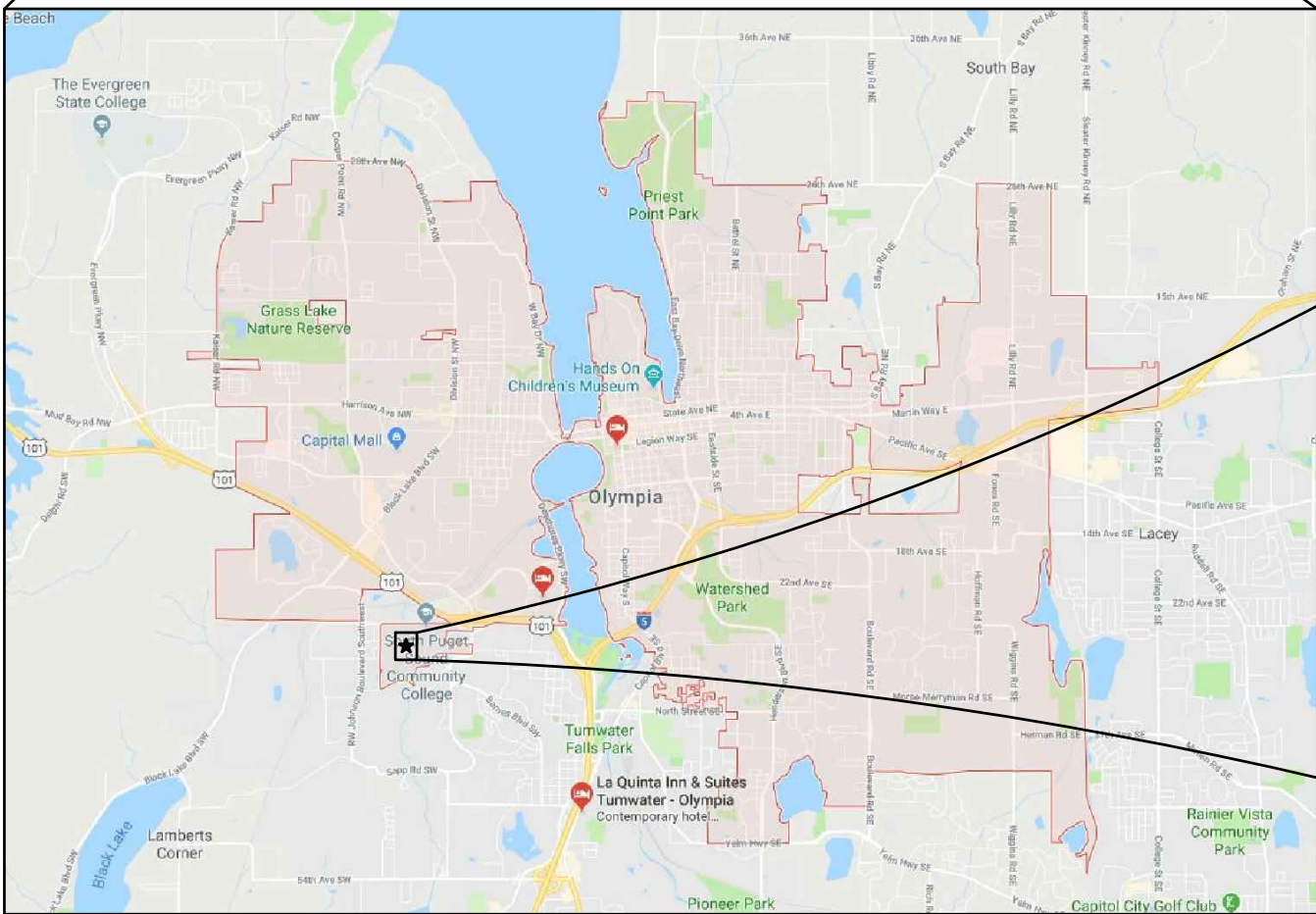
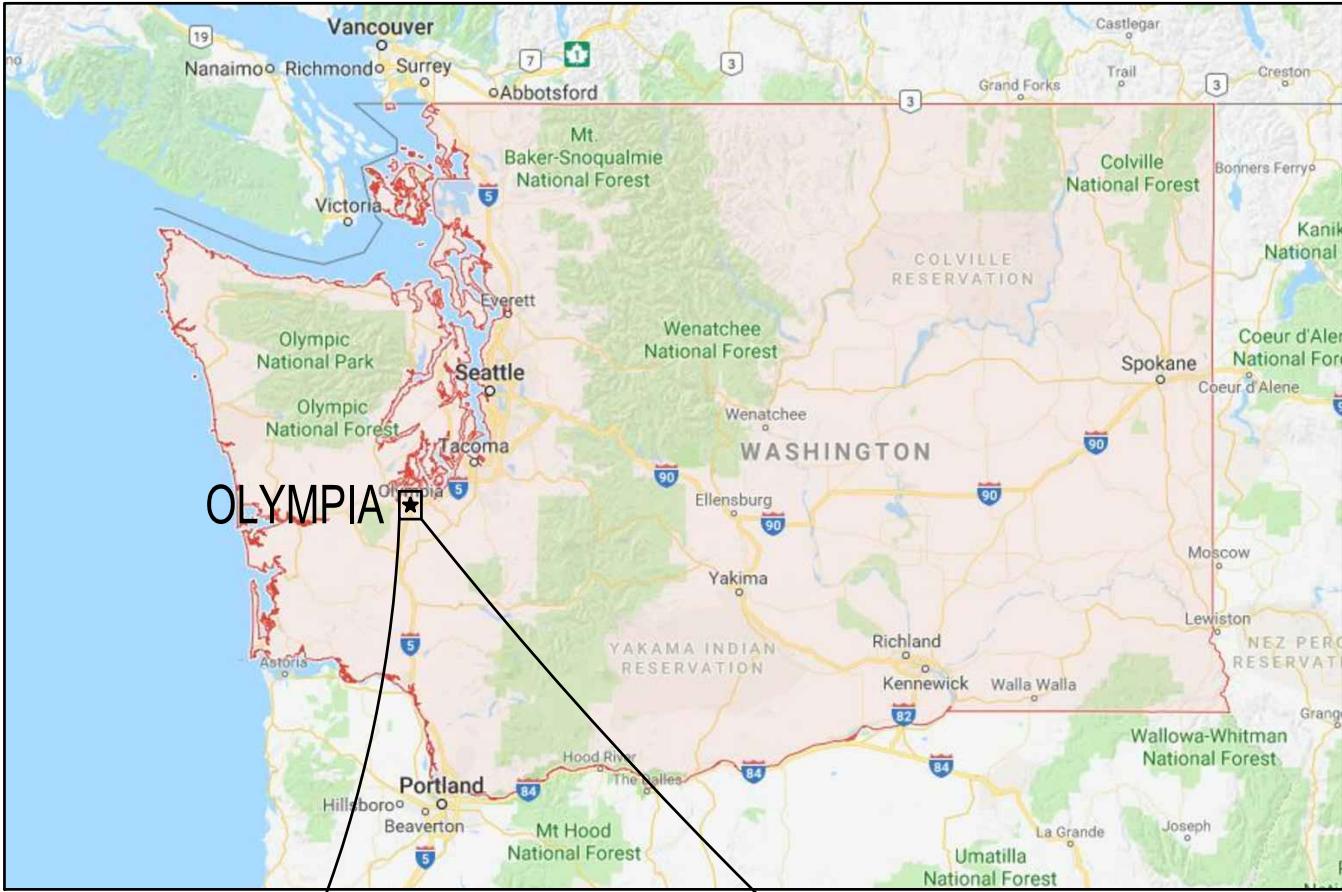


SEC. 28, T18N., R2W., W.M.

SOUTH PUGET SOUND COMMUNITY COLLEGE
HEALTH AND WELLNESS CENTER
CUP SUBMITTAL
OLYMPIA, WASHINGTON



OWNER / APPLICANT
SOUTH PUGET SOUND COMMUNITY COLLEGE
2011 MOTTMAN RD SW
OLYMPIA, WA 98512
PHONE: 360.596.5227
CONTACT: DEXTER JOHNSON

CONSULTANTS
SCJ ALLIANCE
8730 TALLON LANE NE, SUITE 200
LACEY, WA 98516
PHONE: 360.352.1465
CONTACT: ROSS JARVIS, P.E.
ARCHITECT:
KMB ARCHITECTS
906 COLUMBIA STREET SW, SUITE 400
OLYMPIA, WA 98501
PHONE: 360.292.1217
CONTACT: JAMES HILL
SURVEYOR:
KPFF
612 WOODLAND SQUARE LOOP SE, SUITE 100
LACEY, WA 98503
PHONE: 360.292.7230
CONTACT: JEROME CHAPMAN, P.L.S.

GEOTECH:
GEOTECHNICAL
1101 FAWCETT AVE #200
TACOMA, WA 98402
PHONE: 425.861.6002
CONTACT: KYLE SMITH

SITE INFORMATION
PARCEL NUMBER: 1282810500
ACRES: ±86.49

SITE ADDRESS:
2011 MOTTMAN RD SW
OLYMPIA, WA 98512

UTILITIES
STORMWATER/SEWER/WATER/SOLID WASTE
CITY OF OLYMPIA
CITY UTILITIES
9247TH AVENUE, STE A
OLYMPIA, WA 98507
PH: 360.753.8588
EMERGENCY SERVICE: 360.753.8333

ELECTRIC/NATURAL GAS:
PUGET SOUND ENERGY – PSE
10865 NE 4TH ST
BELLEVUE, WA 98009
PH: 425.452.1234
EMERGENCY SERVICE: 888.225.5773
CONTACT: DAVE LESINKSI, ENGINEERING SPECIALIST,
CONSTRUCTION SERVICES, PH: 253.476.6425

CUSTOMER CONSTRUCTION:
3130 S 36TH ST
TACOMA, WA 98409
PH: 888.321.7779
TELEPHONE:
CENTURY LINK
711 CAPITOL WAY S, STE 307
OLYMPIA, WA 98501
PH: 360.754.5912
CONTACT: WAYDE HOLMQUIST, SR DESIGN ENGINEER

BASIS OF MERIDIAN:
NAD 83/91 – PER THURSTON COUNTY HIGH PRECISION
NETWORK CONTROL POINTS 8204 AND 476AZ.

DATUM:
NAVD 88 – PER THURSTON COUNTY HIGH PRECISION
NETWORK CONTROL POINT 8204.

SHEET INDEX		
SHEET NO.	SHEET TITLE	SHEET DESCRIPTION
1	CV-01	COVER SHEET
2	EX-01	TOPOGRAPHIC SURVEY
3	EC-01	DEMOLITION AND TESC PLAN
4	SP-01	SITE IMPROVEMENT PLAN
5	CG-01	GRADING PLAN
6	SD-01	DRAINAGE PLAN
7	SD-02	DRAINAGE DETAILS
8	UT-01	WATER AND SEWER PLAN
9	UT-02	WATER AND SEWER DETAILS

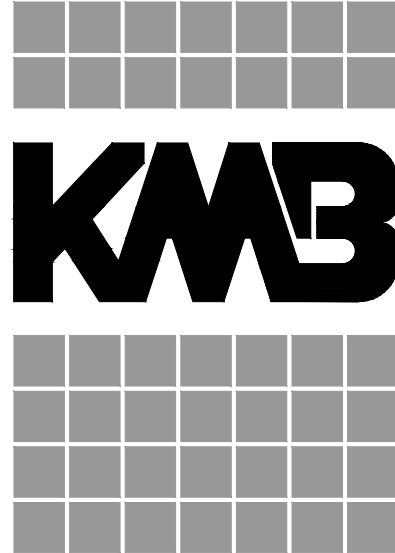
A PORTION OF SEC 28, T18N., R2W., W.M.
OLYMPIA, WA



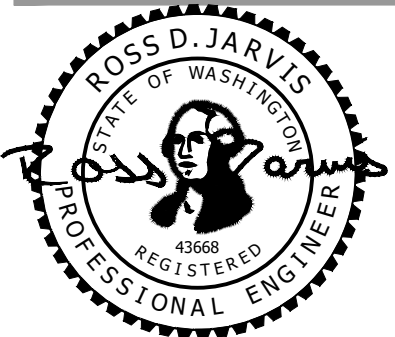
CALL BEFORE YOU DIG

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT (800) 424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

SCJ ALLIANCE
CONSULTING SERVICES
8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516
P: 360.352.1465 F: 360.352.1509
SCJALLIANCE.COM



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Olympia, Washington 98501
360.352.8883



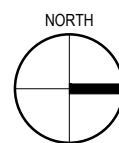
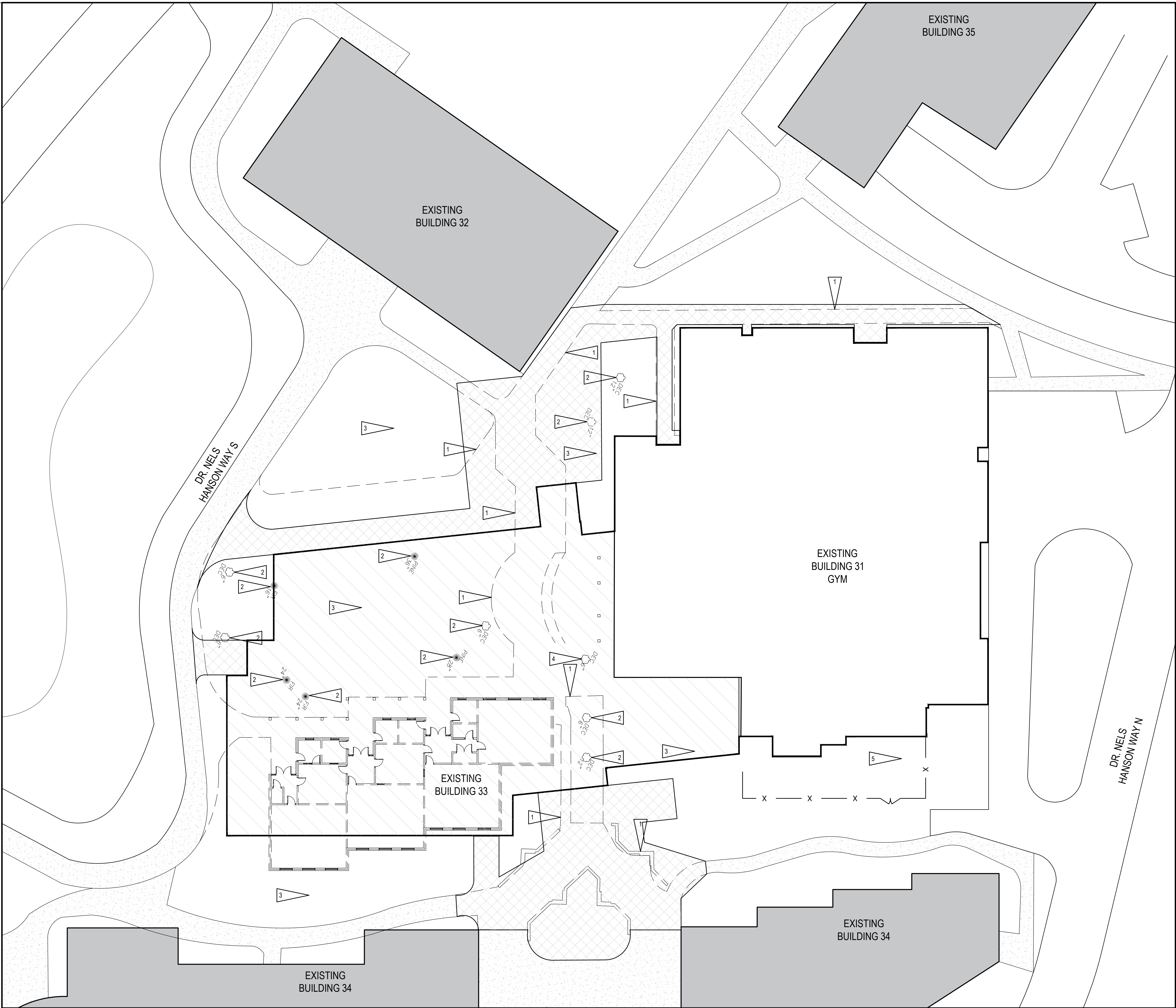
KMB Project # E1626

HEALTH AND WELLNESS CENTER RENOVATION AND ADDITION
SOUTH PUGET SOUND COMMUNITY COLLEGE
2011 MOTTMAN ROAD SW, OLYMPIA, WA 98512
STATE PROJECT NO. 2018-111A

ORIGINAL SHEET SIZE = 24 x 36
HALF SIZE REDUCTIONS = 11 x 17
REVISIONS:

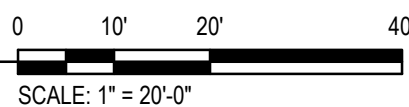
DATE:
05/02/2018
DESIGN DEVELOPMENT
SHEET NO.

CV-01
COVER SHEET



OVERALL DEMOLITION SITE PLAN

SCALE: 1" = 20'



GENERAL NOTES:

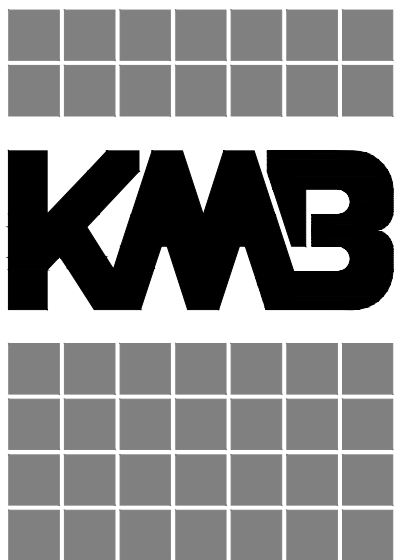
1. REFER TO AD102 FOR BUILDING 33 DEMOLITION PLAN
2. REFER TO AD103 FOR BUILDING 31 DEMOLITION PLAN
3. REFER TO AD104 FOR BUILDING 32 DEMOLITION PLAN
4. REFER TO CIVIL FOR SETBACKS, GRADING, UTILITY LOCATIONS, AND ADDITIONAL INFORMATION
5. PROVIDE JOINTS IN SIDEWALK PER CIVIL
6. PROVIDE POSITIVE SLOPE AWAY FROM BUILDING AT SIDEWALKS.

DEMOLITION SITE PLAN FLAG NOTES:

1. DEMOLISH EXISTING SIDEWALK REFER TO CIVIL FOR EXTENTS AND DETAILS.
2. REMOVE EXISTING TREES REFER TO CIVIL EXTENTS AND DETAILS.
3. REMOVE EXISTING SOD, DIRT, ETC. REFER TO CIVIL
4. REMOVE AND PROTECT EXISTING DEDICATION TREE AND MONUMENT AND SAVE FOR LATER INSULATION. CONTRACTOR TO COORDINATE WITH OWNER AND ARCHITECT FOR NEW LOCATION OF MONUMENT AND TREE.
5. REMOVE EXISTING COOLING TOWER FOR RELOCATION TO BUILDING 32. MOVING OF COOLING TOWER TO BE PHASED WITH DEMOLITION OF BUILDING 33. CONTRACTOR TO COORDINATE WITH OWNER AND ARCHITECT ON NEW LOCATION OF COOLING TOWER NEAR BUILDING 32.

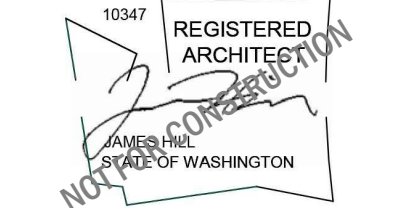
DEMOLITION SITE PLAN LEGEND:

- ITEMS TO BE DEMOLISHED
- [Hatched Box] PROPOSED BUILDING ADDITION
- [Hatched Box] PROPOSED WALKWAYS/STAIRS/RAMP
- [Solid Box] EXISTING WALKS TO REMAIN



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360.352.8883



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2011 MOTTMAN ROAD SW, OLYMPIA, WA 98512
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HALF SIZE REDUCTIONS = 11 x 17

REVISIONS:

DATE:
05/01/2018

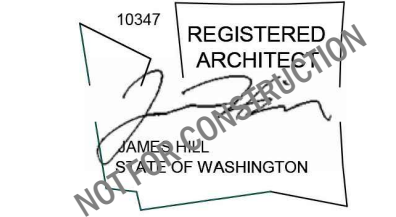
DESIGN DEVELOPMENT

SHEET NO.

AD101

OVERALL SITE DEMOLITION
PLAN

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Olympia, Washington 98501
360.352.8883



1. ADDITIVE ALTERNATE #1
 - EXTERIOR CANOPY STRUCTURE
2. ADDITIVE ALTERNATE #2
 - ARTIFICIAL TURF AND CONCRETE TRACK

ORIGINAL SHEET SIZE = 24 x 36
HALF SIZE REDUCTIONS = 11 x 17

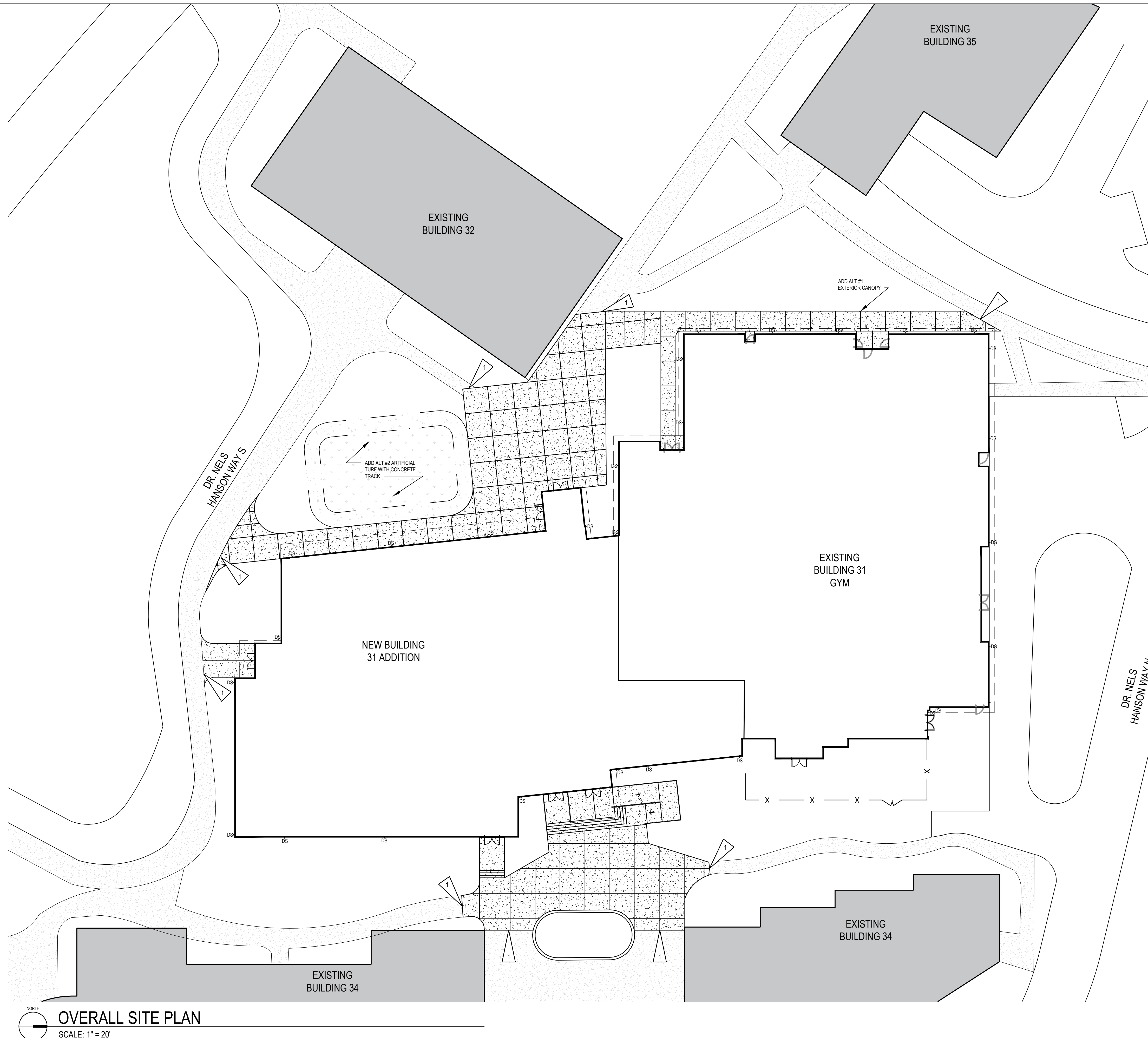
DATE:
05/01/2018

DESIGN DEVELOPMENT

SHEET NO.

AS101

OVERALL SITE PLAN



NORTH



OVERALL SITE PLAN

SCALE: 1" = 20'

1006 Columbia Street SW, Suite 400
Olympia, Washington 98501
360.352.8883



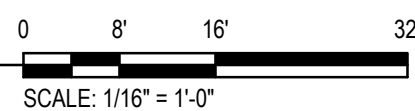
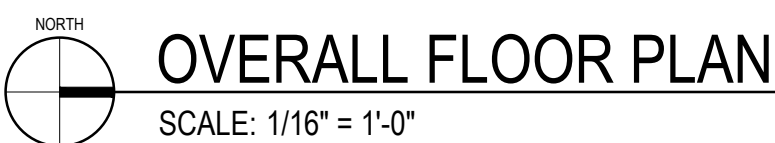
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HALF SIZE REDUCTIONS = 11 x 1

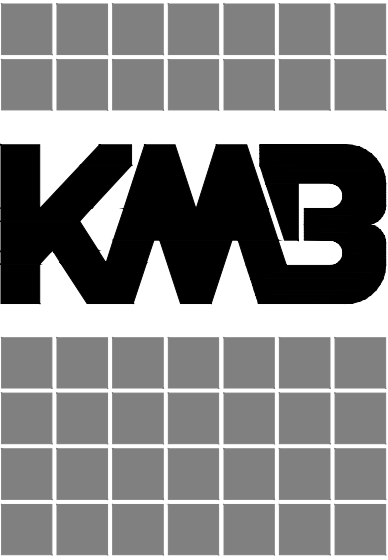
A-101

OVERALL FLOOR PLAN

1. REFER TO SHEETS A-501 AND A-502 FOR EXTERIOR WALL AND PARTITION TYPES.
2. REFER TO ENLARGED PLANS FOR ADDITIONAL WALL TYPE CALL-OUTS AND DIMENSIONS.
3. GRID DIMENSIONS ARE TO EXTERIOR FACE OF STUD.
4. DIMENSIONS ARE TO GRID OR FACE OF STUD.
5. REFER TO A-601 FOR DOOR SCHEDULE.
6. REFER TO A-611 FOR DOOR, RELITE, AND FRAME TYPES
7. REFER TO A-612 FOR STOREFRONT AND WINDOW TYPES
8. REFER TO A-621 FOR FINISH SCHEDULE

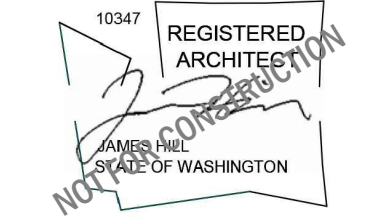
	WALK OFF MAT
	BRACKET MOUNTED FIRE EXTINGUISHER
	FIRE EXTINGUISHER AND CABINET
	DOWNSPOUT





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HEALTH AND WELLNESS CENTER RENOVATION AND ADDITION
SOUTH PUGET SOUND COMMUNITY COLLEGE
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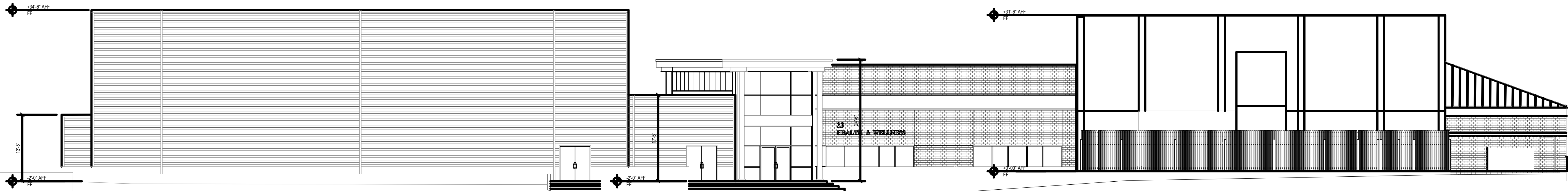
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DATE:
05/01/2018

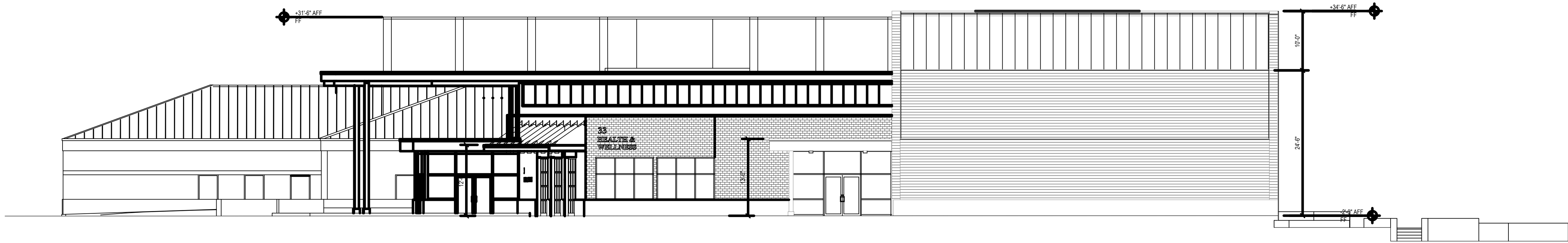
DESIGN DEVELOPMENT

SHEET NO.

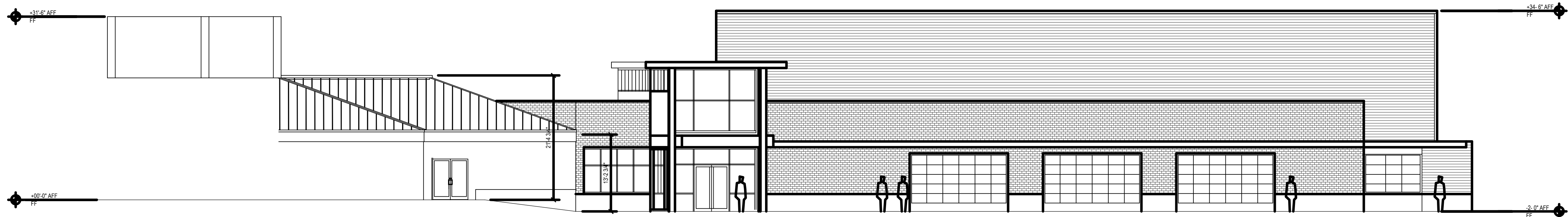
A-201
OVERALL EXTERIOR
ELEVATIONS



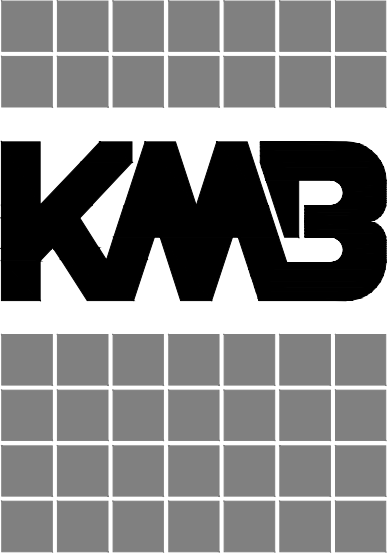
1 OVERALL ~~WEST~~ EAST ELEVATION
SCALE: 3/32" = 1'-0"



2 OVERALL SOUTH ELEVATION
SCALE: 3/32" = 1'-0"

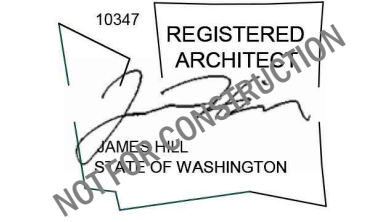


3 OVERALL ~~EAST~~ WEST ELEVATION
SCALE: 3/32" = 1'-0"



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Olympia, Washington 98501
360.352.8883



KMB Project # E1626

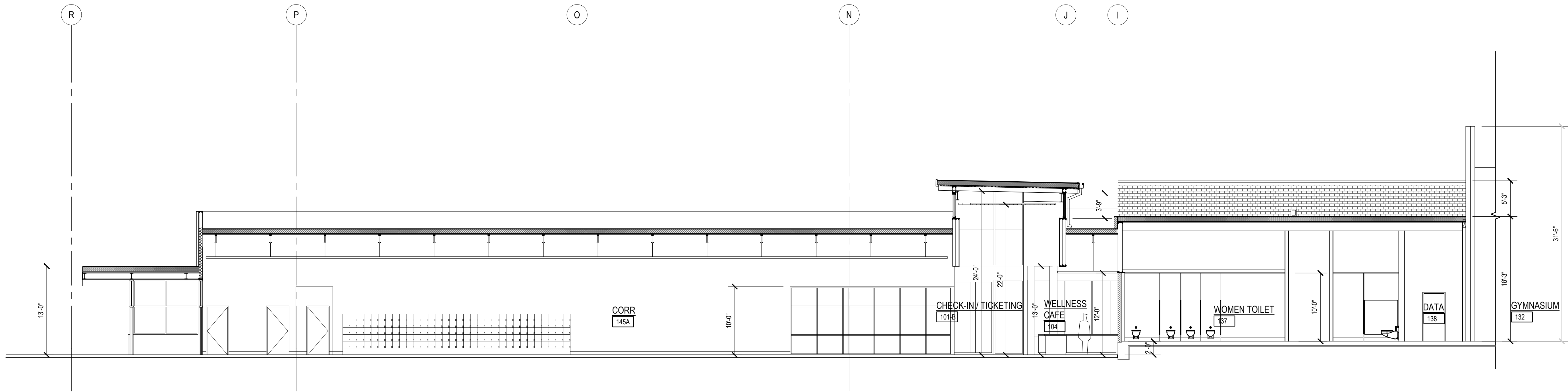
HEALTH AND WELLNESS CENTER RENOVATION AND ADDITION
SOUTH PUGET SOUND COMMUNITY COLLEGE
2011 MOTTMAN ROAD SW, OLYMPIA, WA 98512
STATE PROJECT NO. 2018-111A

ORIGINAL SHEET SIZE = 24 x 36
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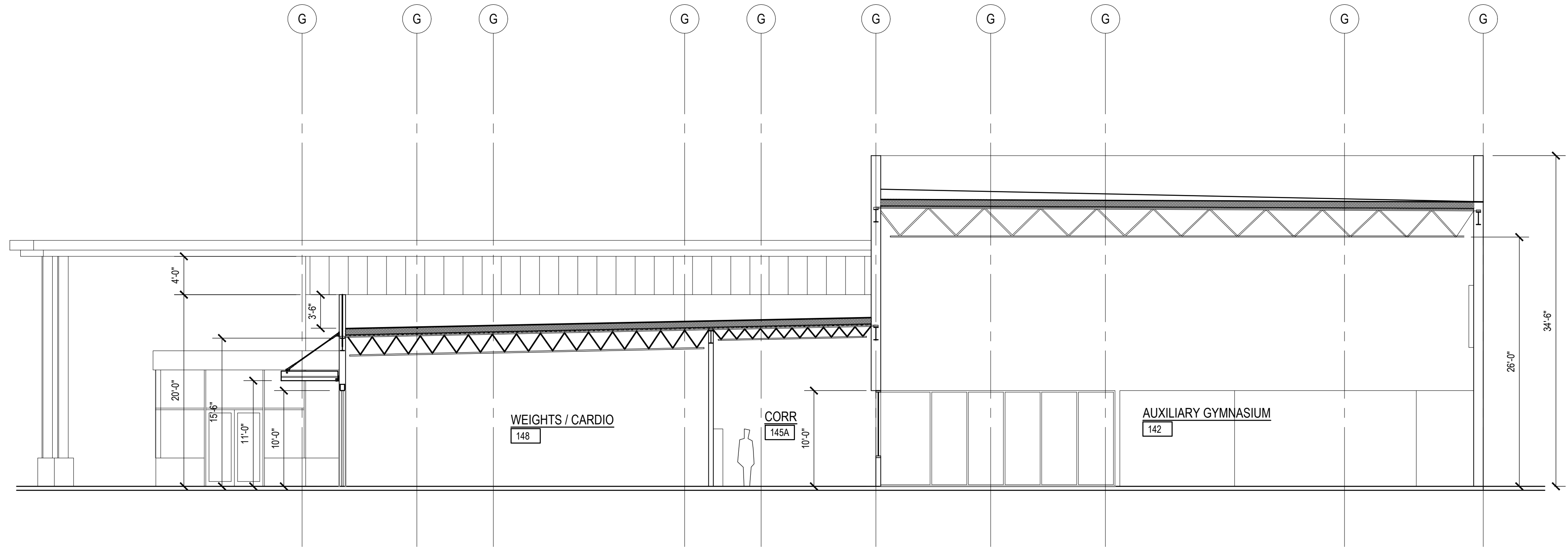
REVISIONS:

DATE: 05/01/2018
DESIGN DEVELOPMENT
SHEET NO.

A-301
BUILDING SECTIONS

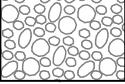


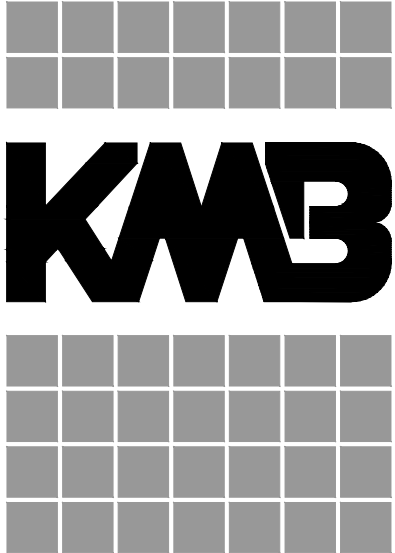
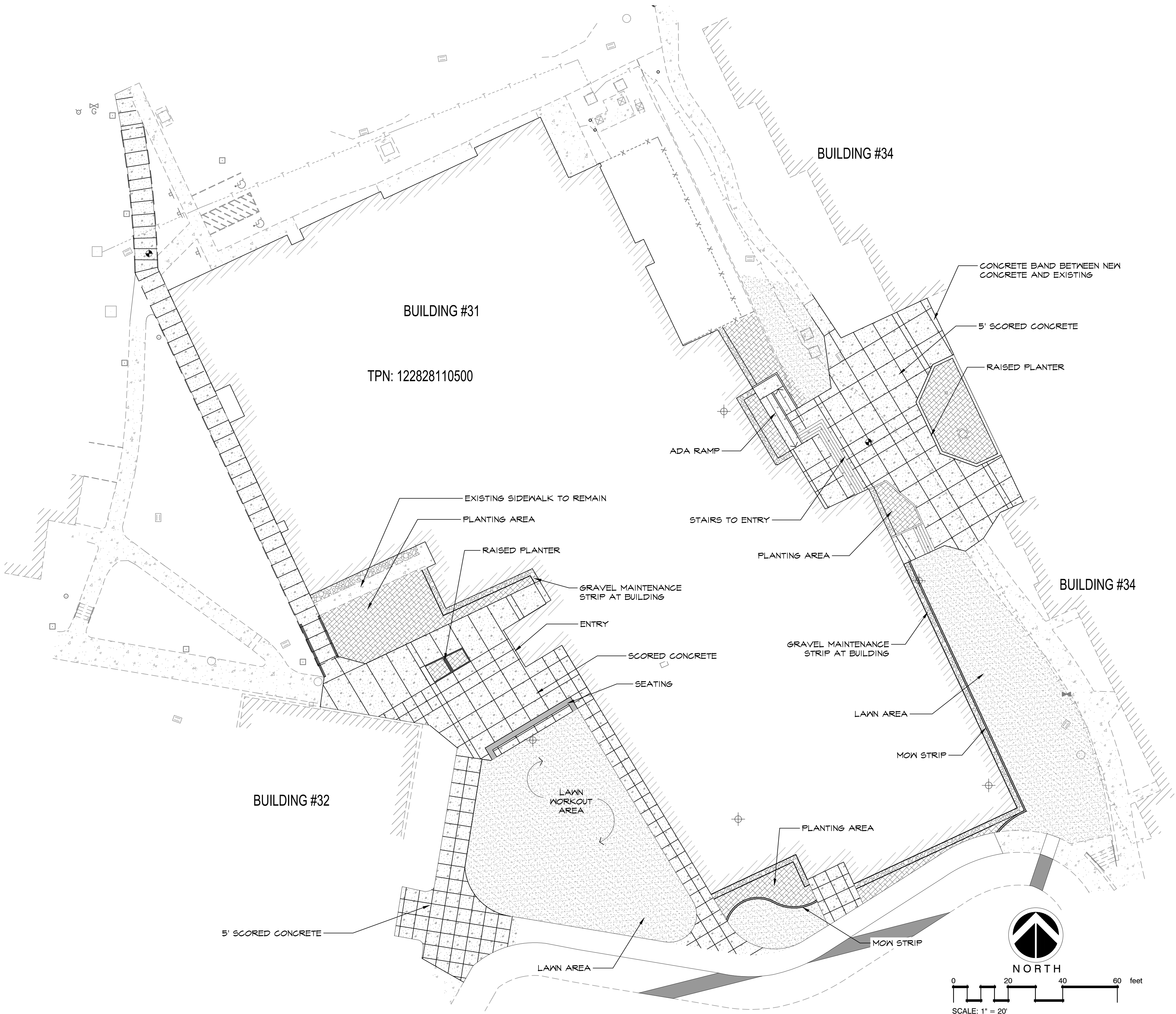
1 BUILDING SECTION @ CORRIDOR
SCALE: 1/8" = 1'-0"



2 BUILDING SECTION SOUTH WING
SCALE: 1/8" = 1'-0"

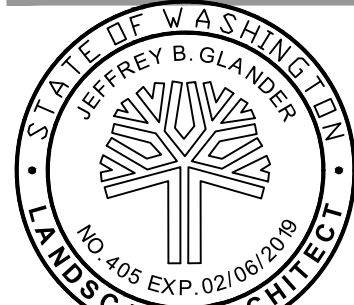
REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	QTY
	1 PLANTING AREA	2,938 SF
	2 LAWN AREA	9,089 SF
	3 NEW SCORED CONCRETE	11,625 SF
	5 GRAVEL MAINTENANCE EDGE	839 SF



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906 Columbia Street SW, Suite 400
Olympia, Washington 98501
360.352.8883



KMB Project # E1626

HEALTH AND WELLNESS CENTER RENOVATION AND ADDITION
SOUTH PUGET SOUND COMMUNITY COLLEGE
2011 MOTTMAN ROAD SW, OLYMPIA, WA 98512
STATE PROJECT NO. 2018-111A

ORIGINAL SHEET SIZE = 24 x 36
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REVISIONS:

DATE:
05/02/2018

DESIGN DEVELOPMENT

SHEET NO.

L1.01

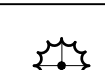
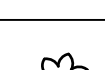
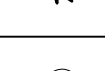
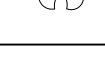
MATERIAL AND
HARDSCAPE PLAN



SCJ ALLIANCE
CONSULTING SERVICES

8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516
P: 360.352.1465 F: 360.352.1509
SCJALLIANCE.COM

LAST SAVE: hard-planting - 0850.17 XLS - Apr 30, 2018 (5:04 PM)
PLOT: AutoCAD PDF (General Documentation) pcd - ARCH Full Sheet D (24.00 x 36.00 inches) - SC Fullcbr - April 30, 2018 (5:13 PM)

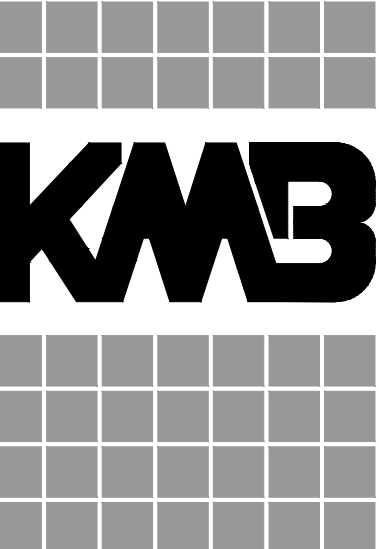
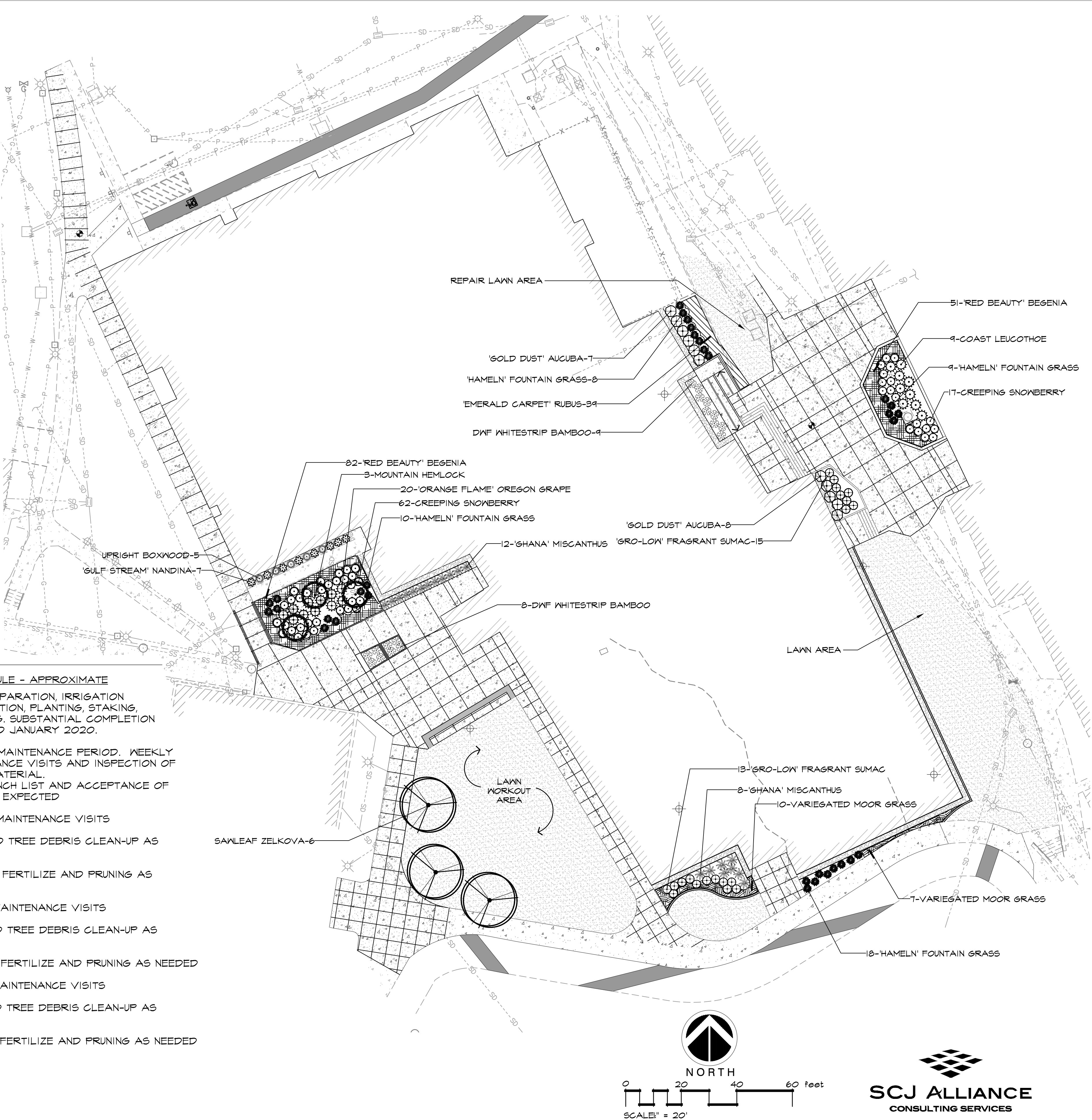
PLANT SCHEDULE				
TREES	QTY	BOTANICAL NAME	CAL.	DESC.
	3	TSUGA MERTENSIANA MOUNTAIN HEMLOCK	B&B/CONT.	4'-6' HT.
	6	ZELKOVA SERRATA 'GREEN VASE' SAWLEAF ZELKOVA	2" CAL.	12'-16' HT.
SHRUBS	QTY	BOTANICAL NAME	SIZE	SPACING
	15	AUCUBA JAPONICA 'GOLD DUST' 'GOLD DUST' AUCUBA	5 GAL	4' O.C.
	5	BUXUS SEMPERVIRENS 'FASTIGIATA' UPRIGHT BOXWOOD	5 GAL	
	9	LEUCOTHOE AXILLARIS COAST LEUCOTHOE	5 GAL	4' O.C.
	20	MAHONIA AQUIFOLIUM 'ORANGE FLAME' 'ORANGE FLAME' OREGON GRAPE	5 GAL	4' O.C.
	20	MISCANTHUS SINENSIS 'GHANA' 'GHANA' MISCANTHUS	2 GAL	4' O.C.
	8	NANDINA DOMESTICA 'GULF STREAM' 'GULF STREAM' NANDINA	5 GAL	3' O.C.
	45	FENNISETUM ALOPECUROIDES 'HAMELN' 'HAMELN' FOUNTAIN GRASS	2 GAL	3' O.C.
	17	PLEIOBLASTUS PYGMAEA DWF WHITESTRIP BAMBOO	2 GAL	3' O.C.
	28	RHUS AROMATICA 'GRO-LOW' 'GRO-LOW' FRAGRANT SUMAC	5 GAL	3' O.C.
	79	SYMPHORICARPOS MOLLIS CREEPING SNOWBERRY	1 GAL	3' O.C.
GROUND COVERS	QTY	BOTANICAL NAME	SIZE	SPACING
	133	BERGENIA CORDIFOLIA 'RED BEAUTY' 'RED BEAUTY' BEGENIA	1 GAL	@ 2.5' O.C.
	17	MOLINIA CAERULEA 'VARIEGATA' VARIEGATED MOOR GRASS	1 GAL	36" O.C.
	39	RUBUS CALYCINOIDES 'EMERALD CARPET' 'EMERALD CARPET' RUBUS	1 GAL	24" O.C.

SHEET NOTES

- REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- NO PLANT SUBSTITUTIONS SHALL BE PERMITTED WITHOUT PRIOR APPROVAL OF LANDSCAPE ARCHITECT/OWNER.
- ALL WORK SHALL BE PERFORMED TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT/OWNER.
- PLANT LIST QUANTITIES ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES IN LIST WITH ACTUAL PLAN CALL-OUTS, AND INSTALLING PLANTINGS PER THE LANDSCAPE PLAN. GROUND COVER QUANTITIES SHALL BE ADJUSTED AS REQUIRED FOR FIELD CONDITIONS AT THE SPECIFIED SPACING.
- ALL PLANT SUBSTITUTIONS WILL BE APPROVED BY THE CITY AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION AND PLANS UPDATED PLANS SHOWING ACCURATE PLANTING MATERIALS WILL BE PROVIDED TO THE CITY PRIOR TO BUILDING OCCUPANCY.
- THE GEOLOGIC MAP OF THE TUMWATER 7.5-MINUTE QUADRANGLE, THURSTON COUNTY, WASHINGTON (VALSH ET AL. 2003) TO UNDERSTAND THE REGIONAL GEOLOGY IN THE SITE VICINITY. THE GEOLOGIC MAP INDICATES THAT VASHON FINE-GRAINED SEDIMENTS WERE DEPOSITED IN THIS AREA BY GLACIAL LAKE RUSSELL AND OTHER LAKES OF THE VASHON GLACIAL RECESSION. THE FINE-GRAINED DEPOSITS GENERALLY CONSIST OF LACUSTRINE SANDY SILT AND CLAY AND ARE MOST COMMONLY FOUND AT ELEVATIONS BELOW ABOUT ELEVATION 140 FEET (NAVD83) IN THE SOUTH PUGET LOWLAND. GLACIALLY CONSOLIDATED SOILS AT THE SITE ARE MAPPED AS VASHON GLACIAL OUTWASH DEPOSITS CONSISTING OF POORLY TO MODERATELY SORTED SAND AND GRAVEL WITH UNDERLYING LAYERS OF OVERCONSOLIDATED LACUSTRINE SILT AND CLAY.
- SEE SHEET L102 FOR COMPLETE PLANT LIST WITH SIZES, QUANTITIES & COST.
- ALL AREAS TO BE PLANTED ARE TO BE MULCHED WITH 4 INCHES ORGANIC MATERIAL.
- LANDSCAPE ARCHITECT SHALL INSPECT THE LANDSCAPING UPON INSTALLATION FOR PLAN COMPLIANCE AND SUBMIT A STATEMENT OF APPROVAL TO THE CITY PRIOR TO BUILDING OCCUPANCY.
- ALL LANDSCAPING AREAS SHALL BE PLANTED TO ACHIEVE 80% PLANT DENSITY WITHIN 3 YEARS OF PLANTING. ADDITIONAL PLANTINGS MAY BE NECESSARY UPON INSPECTION BY THE CITY.

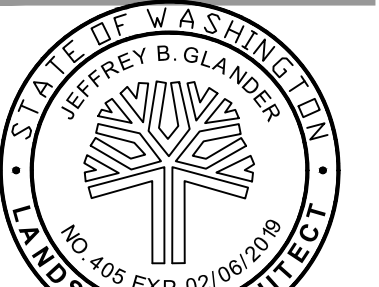
INSTALLATION & MAINTENANCE SCHEDULE - APPROXIMATE

SEPT 2019 - DEC 2019	SOIL PREPARATION, IRRIGATION INSTALLATION, PLANTING, STAKING, WATERING. SUBSTANTIAL COMPLETION EXPECTED JANUARY 2020.
JAN 2020 - MAR 2020	60-DAY MAINTENANCE PERIOD. WEEKLY MAINTENANCE VISITS AND INSPECTION OF PLANT MATERIAL. FINAL PUNCH LIST AND ACCEPTANCE OF PROJECT EXPECTED
APR 2020	
APR-SEPT 2020	WEEKLY MAINTENANCE VISITS
SEPT - NOV 2020	LEAF AND TREE DEBRIS CLEAN-UP AS NEEDED
OCT 2020 - MARCH 2021	MONTHLY FERTILIZE AND PRUNING AS NEEDED
MARCH - SEPT 2021	WEEKLY MAINTENANCE VISITS
SEPT - NOV 2021	LEAF AND TREE DEBRIS CLEAN-UP AS NEEDED
OCT 2021 - MARCH 2022	MONTHLY FERTILIZE AND PRUNING AS NEEDED
MARCH - SEPT 2022	WEEKLY MAINTENANCE VISITS
SEPT - NOV 2022	LEAF AND TREE DEBRIS CLEAN-UP AS NEEDED
OCT 2022 - MARCH 2023	MONTHLY FERTILIZE AND PRUNING AS NEEDED



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KMB Project # E1626

HEALTH AND WELLNESS CENTER RENOVATION AND ADDITION
SOUTH PUGET SOUND COMMUNITY COLLEGE
2011 MOTTMAN ROAD SW, OLYMPIA, WA 98512
STATE PROJECT NO. 2018-111A

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REVISIONS:

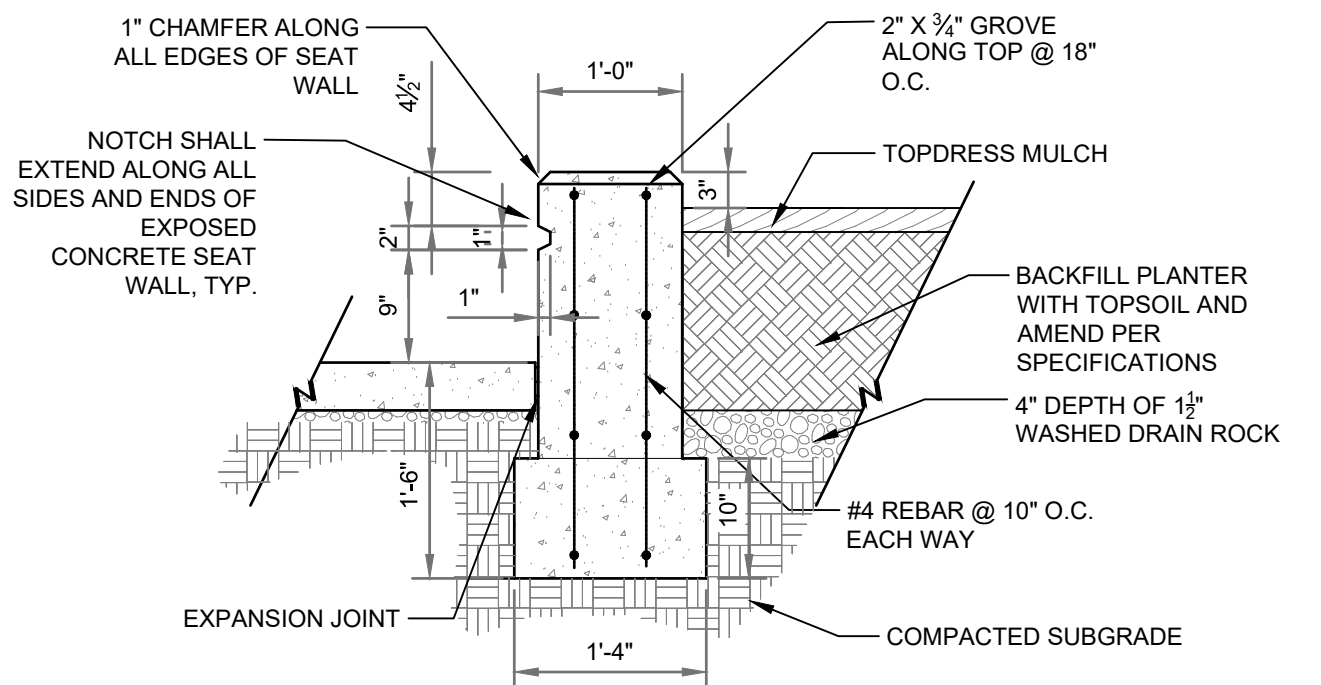
DATE:
05/02/2018
DESIGN DEVELOPMENT
SHEET NO.

L2.01

LANDSCAPE PLAN

SCJ ALLIANCE
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8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516
P: 360.352.1465 F: 360.352.1509
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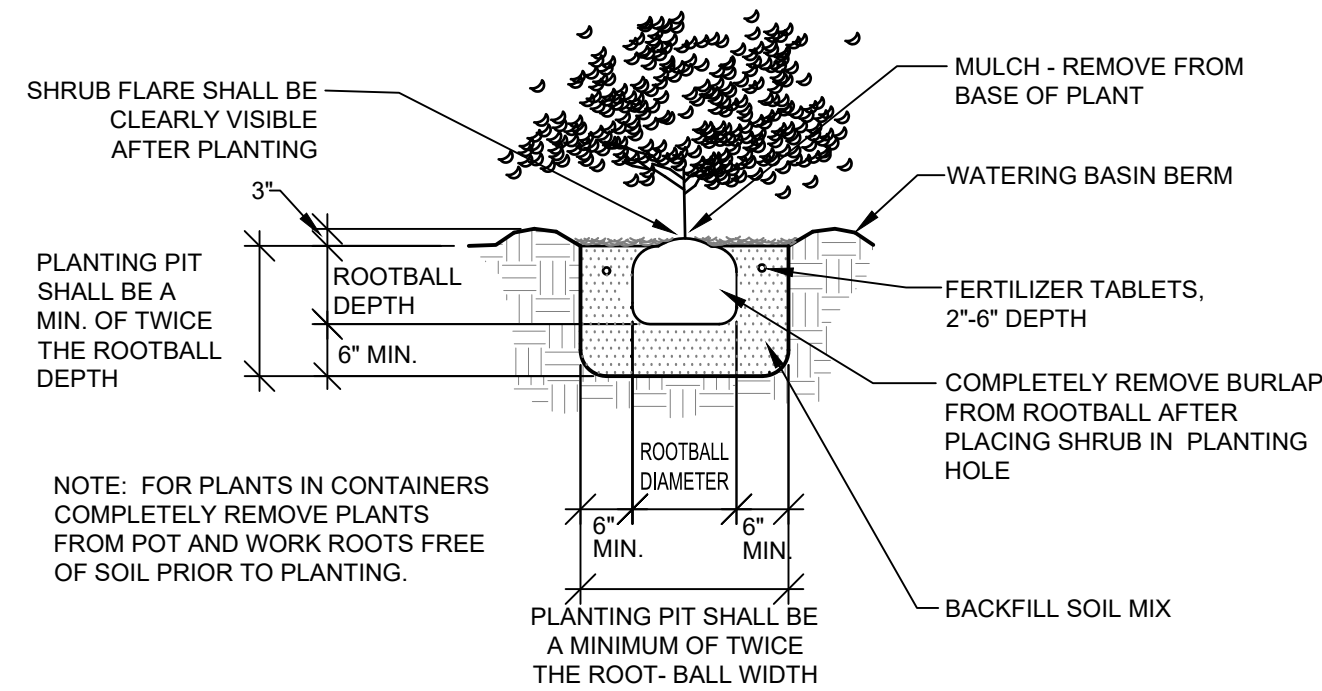
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NOTES:

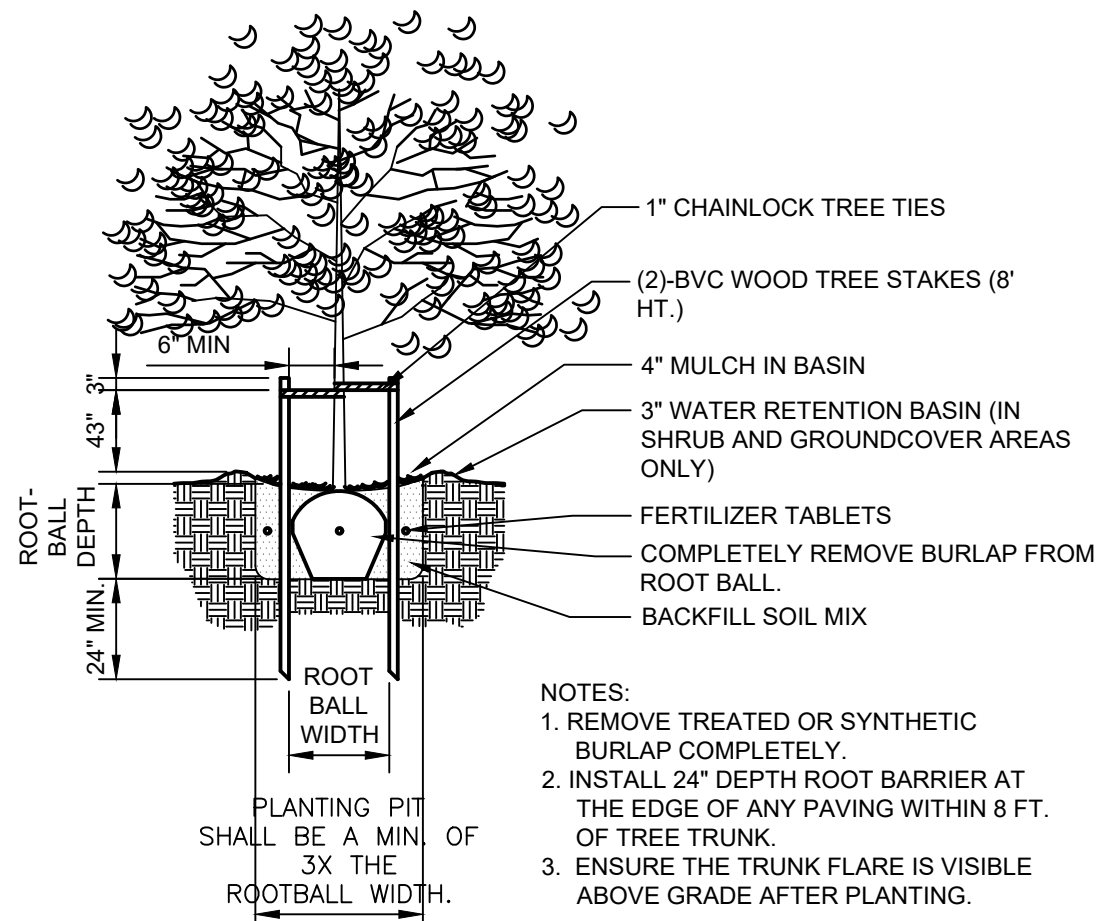
1. CIP CONCRETE SEATWALL WITH LIGHT SANDBLAST FINISH, SMOOTH SACK ALL WALLS PRIOR TO SANDBLASTING. ALL CONCRETE SHALL BE CLASS 3000.

1 RAISED PLANTER
3/4" = 1'-0" P-SC-SPS-24



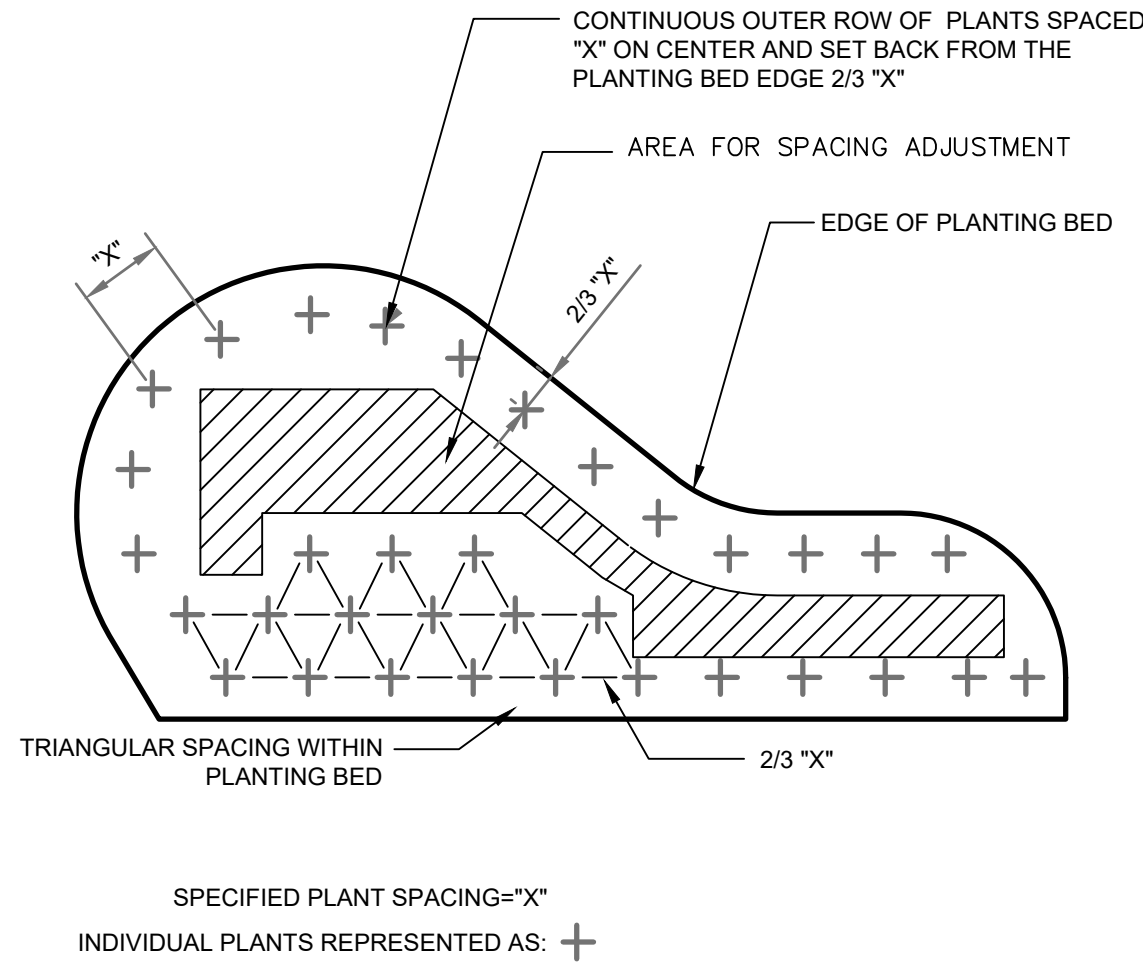
NOTE: FOR PLANTS IN CONTAINERS COMPLETELY REMOVE PLANTS FROM POT AND WORK ROOTS FREE OF SOIL PRIOR TO PLANTING.

2 SHRUB PLANTING DETAIL (B&B OR CONT.)
NTS P-SC-SPS-14

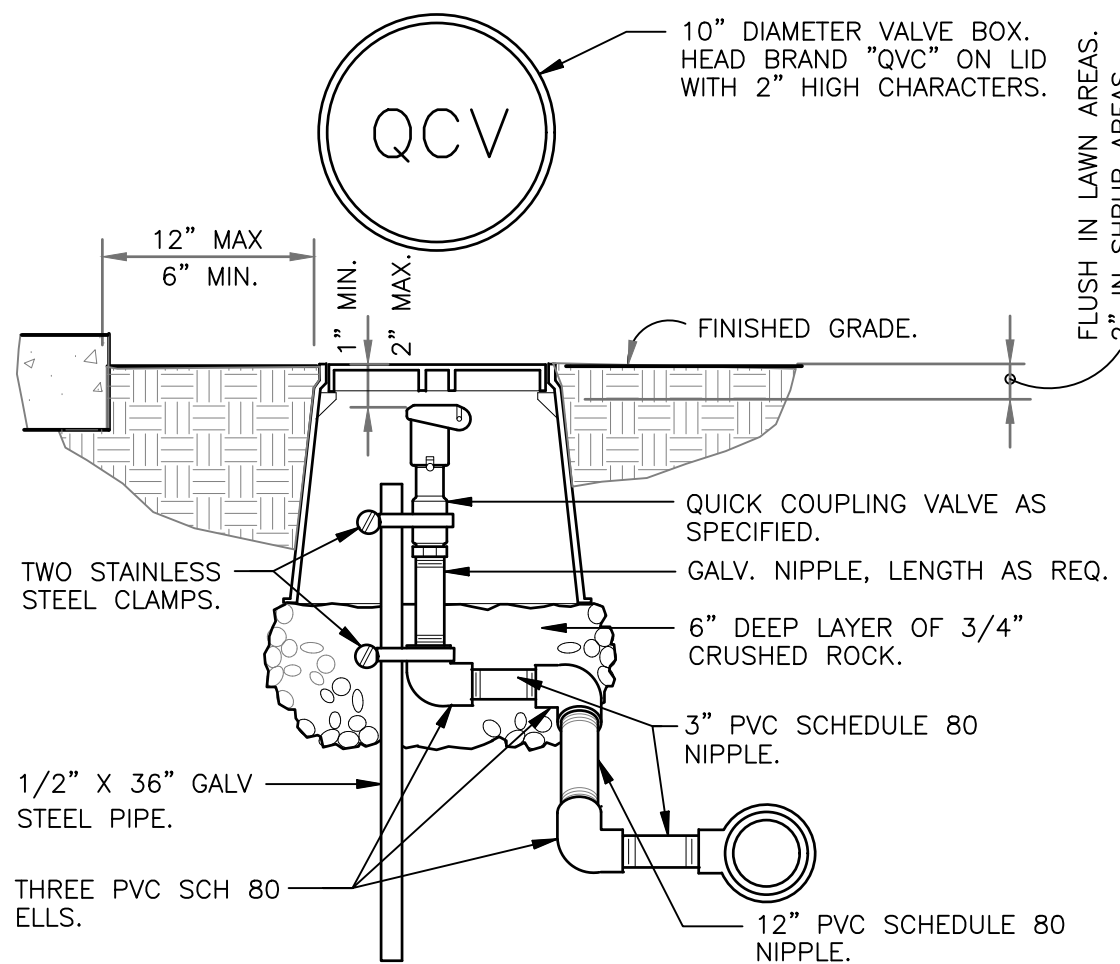


- NOTES:
1. REMOVE TREATED OR SYNTHETIC BURLAP COMPLETELY.
 2. INSTALL 24" DEPTH ROOT BARRIER AT THE EDGE OF ANY PAVING WITHIN 8 FT. OF TREE TRUNK.
 3. ENSURE THE TRUNK FLARE IS VISIBLE ABOVE GRADE AFTER PLANTING.

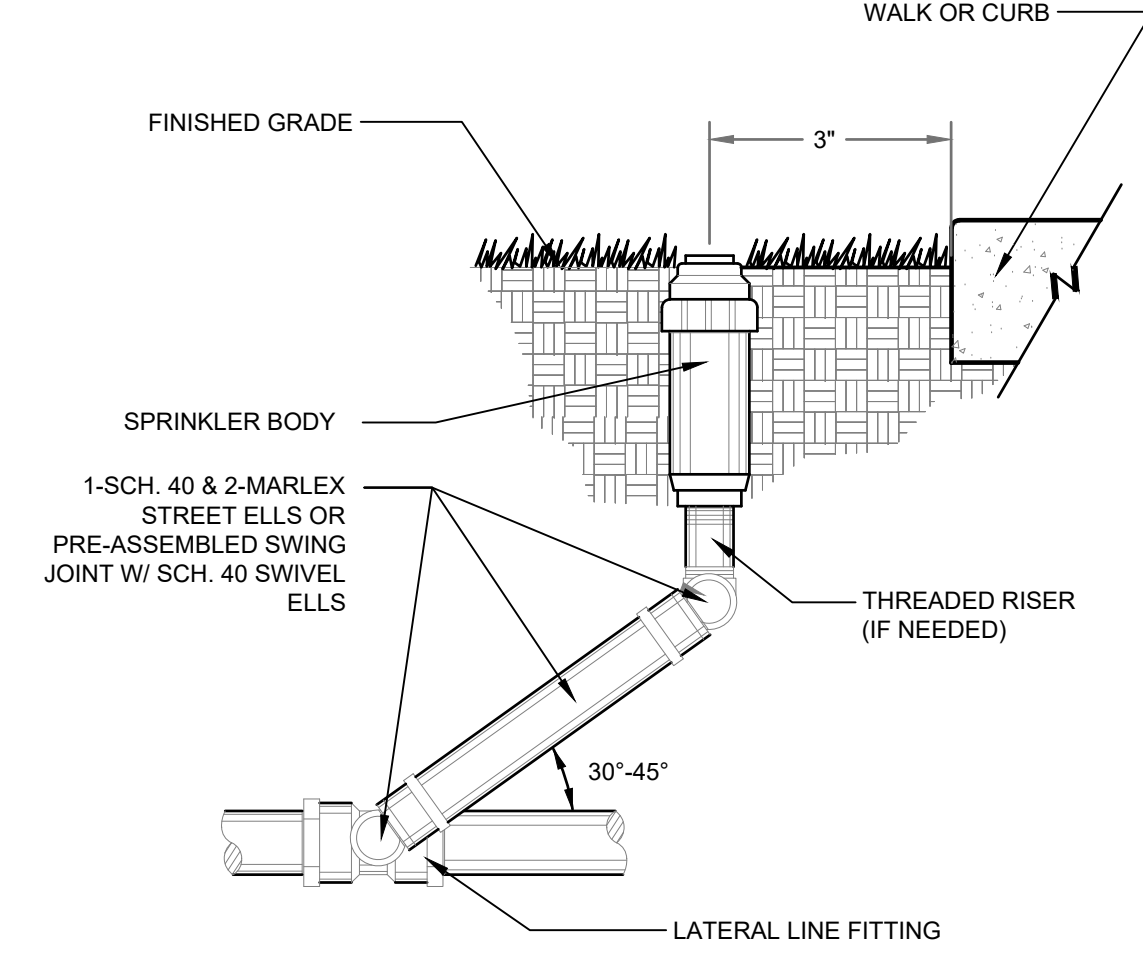
3 TREE PLANTING & STAKING DETAIL
N.T.S. P-SC-SPS-27



4 PLANT SPACING DETAIL
NTS P-SC-SPS-26



5 QUICK COUPLING VALVE IN BOX
1 1/2" = 1'-0" P-SC-SPS-33



6 POP-UP SPRINKLER HEAD
N.T.S. P-SC-SPS-35

LANDSCAPE SPECIFICATIONS

1. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
2. CHEMICALLY KILL (CHEMICALS MUST MEET WELL HEAD PROTECTION AREAS MINIMUM MITIGATION STANDARDS-SEE THURSTON COUNTY'S INTEGRATED PEST MANAGEMENT PROGRAM) AND REMOVE FROM SITE ALL EXISTING WEEDS AND VEGETATION NOT SHOWN TO REMAIN ON PLANS.
3. DISTRIBUTE IMPORTED SANDY LOAM TOPSOIL (APPROVED BY THE LANDSCAPE ARCHITECT) IN AREAS SHOWN AND AT DEPTHS INDICATED FOR GROWING AND BERMING OF LANDSCAPE AREAS, AND BACKFILL OF RETAINING WALLS (IF REQUIRED). DOTTED LINES INDICATE 1' CONTOUR INTERVALS. ALL LANDSCAPE AREAS SHALL RECEIVE TOPSOIL, WHETHER INDICATED ON PLANS OR NOT, SO THAT FINISH GRADES OF ALL SHRUB BEDS SHALL BE 2" BELOW TOPS OF ADJACENT CURBS AND PAVEMENT. STRUCTURAL FILL AREAS: ANY LANDSCAPE AREAS OCCURRING WITHIN STRUCTURAL FILL ZONES SHALL HAVE SAID STRUCTURAL FILL MATERIALS EXCAVATED TO A DEPTH OF 12" BELOW FINISH GRADES IN SHRUB AREAS AND 6" BELOW GRADE IN LAWN AREAS, AND REPLACED WITH SPECIFIED TOPSOIL. DISPOSE OF EXCAVATED MATERIAL OFF SITE.
4. FINE GRADE ALL LANDSCAPE BEDS PRIOR TO PLANTING OPERATIONS. ALL NON-COMPOSTABLE MATERIALS SHALL BE REMOVED BY HAND AFTER APPLICATION.
5. NO PLANT SUBSTITUTIONS SHALL BE PERMITTED WITHOUT PRIOR APPROVAL OF LANDSCAPE ARCHITECT AND CITY. ALL PLANT SUBSTITUTIONS WILL BE APPROVED BY THE CITY AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. UPDATED PLANS SHOWING ACCURATE PLANTING MATERIALS WILL BE PROVIDED TO THE CITY PRIOR TO BUILDING OCCUPANCY.
6. ALL PLANTS SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.
7. ALL PLANT MATERIALS AND PLANT LOCATIONS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ALL PLANTS SHALL BE THOROUGHLY WATERED IMMEDIATELY AFTER PLANTING WITH ALASKA FISH FERTILIZER SOLUTION.
8. ROOT BARRIER SHALL BE INCORPORATED ADJACENT AND PARALLEL TO PAVING, CURB AND SIDEWALK, A MINIMUM OF 15 LINEAR FEET (7.5' ON EITHER SIDE OF TRUNK), 24" DEEP, WHERE ANY TREE IS WITHIN 8' OF PAVING, CURB OR SIDEWALK. ROOT BARRIER SHALL BE DEEPROOT UB-24 AS AVAILABLE FROM EWING IRRIGATION PRODUCTS, 2901 S TACOMA WAY, TACOMA, WA 98409 (253) 476-9530 OR APPROVED EQUAL.
9. SOIL AMENDMENT FOR SOIL PREPARATION AND PLANTING BACKFILL SHALL BE A SCREENED 5/8" MINUS NITRIFIED WOOD RESIDUAL COMPOST EQUAL TO:
 - A. "TOP GRADE COMPOST" BRAND COMPOST AS AVAILABLE FROM SILVER SPRINGS ORGANICS, RAINIER, WA (360) 446-7645.
 - B. "CEDAR GROVE COMPOST" BRAND COMPOST AS AVAILABLE FROM CEDAR GROVE COMPOST, MAPLE VALLEY, WA (877) 764-5748.
 - C. PREP/LRI COMPOST AS AVAILABLE FROM RANDES SAND AND GRAVEL, INC., PUYALLUP, WA (253) 537-6828.

ALL NON-COMPOSTABLE MATERIALS WILL BE REMOVED FROM SITE.

10. SOIL PREPARATION - (ALL LANDSCAPE AREAS) FOR PLANTING BEDS SPREAD 24 C.Y. OF SPECIFIED TOPSOIL MIX PER 1000 S.F. AND AMEND TO A SETTLED DEPTH OF 12" (INCHES). TOPSOIL MIX SHALL CONTAIN 35-40% COMPOST BY VOLUME, SPREAD 150 LBS./1000 S.F. OF AGRICULTURAL GYPSUM AND 1 LBS./1000 S.F. OF 16-8-8 COMMERCIAL FERTILIZER OVER SOIL AMENDMENT. ROTO-TILL ALL OF THE ABOVE TO A 6"-8" DEPTH AND GRADE SMOOTH, COMPACTING AS REQUIRED AND REMOVING ALL ROCKS, CLODS AND DEBRIS. PRIOR TO PLANTING SOILS AND PLANTS SHALL BE INSPECTED BY THE CITY.
11. BACKFILL MIX FOR ALL PLANTS SHALL BE A BLEND OF 1/3 EXISTING SITE SOIL, 1/3 COARSE SAND, AND 1/3 SOIL AMENDMENT SPECIFIED IN NO. 9.
12. ONLY SLOW RELEASE FERTILIZERS SHALL BE APPLIED FOR THE LIFE OF THE DEVELOPMENT AT A MAXIMUM AMOUNT OF 4 LBS OF NITRATE AS NITROGEN ANNUALLY AND NO MORE THAN 1 LB PER APPLICATION FOR EVERY 1,000 SQUARE FEET OF TURF GRASS. ONLY FERTILIZER FORMULAS WITH A MINIMUM OF 50 PERCENT WATER INSOLUBLE FORM OF NITROGEN ARE PERMITTED FOR USE. APPROVED WATER INSOLUBLE FORMS OF NITROGEN INCLUDE SULFUR AND/OR POLYMER COATED FERTILIZERS, ISOBUTYLIDENE DIUREA (IBDU), METHYLENE UREA AND UREAFORM, AND ORGANIC FERTILIZERS REGISTERED WITH WASHINGTON DEPARTMENT OF AGRICULTURE."

13. APPLY OSMOCOTE 18-6-12, 9 MONTH SLOW RELEASE FERTILIZER OVER THE SURFACE OF ALL PLANT PITS AT THE FOLLOWING RATES (NO MORE THAN A MAXIMUM 4LBS. OF NITRATE NITROGEN SHALL BE USED ANNUALLY):

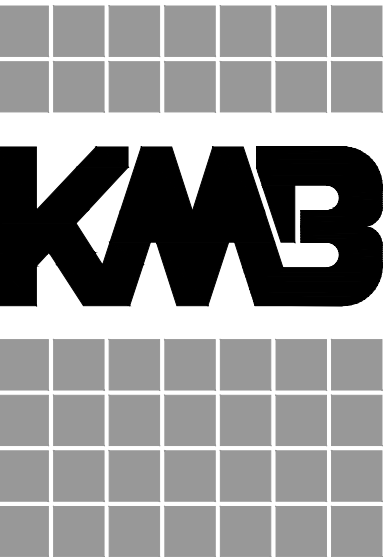
TREES OVER 10' HEIGHT	2 CUPS
TREES UNDER 10' HEIGHT:	1 CUP
ALL SHRUBS EXCEPT 1 GALLONS:	1/2 CUP
1 GALLON PLANTS:	1/4 CUP
GROUND COVERS:	1/4 CUP

14. FERTILIZER TABLETS FOR ALL PLANTS SHALL BE AGRIFORM (20-10-5) 21 GRAM OR 10 GRAM TABLETS DISTRIBUTED AS FOLLOWS: ALL TREES: 4-21 GRAM TABLETS, ALL SHRUBS (EXCEPT 1 GALLONS): 3-21 GRAM TABLETS, ALL 1 GALLONS: 1-21 GRAM TABLET, ALL 2-1/4" AND 4" POT GROUND COVERS: 1-10 GRAM TABLET EACH. SET TABLETS DIRECTLY NEXT TO ROOTBALL.
15. PRIOR TO PLACING MULCH CONTRACTOR SHALL CALL FOR AND HAVE THE CITY INSPECT ALL PLANT MATERIAL. ALL SHRUB AND GROUND COVER BEDS SHALL RECEIVE A 4" DEPTH "MEDIUM/ FINE GRIND" HEM/FIR BARK MULCH AS TOP DRESSING. MULCH SHALL BE PULLED AWAY FROM THE BASE OF ALL SHRUBS AND GROUNDCOVER.
16. APPLY A GRANULAR PRE-EMERGENT HERBICIDE TO ALL SHRUB AND GROUNDCOVER BEDS AT THE CONCLUSION OF THE MAINTENANCE PERIOD. DO NOT USE CASARON OR NORASAC BRANDS. ALL FERTILIZER MUST COMPLY TO MEET WELL HEAD PROTECTION AREAS MINIMUM MITIGATION STANDARDS [OMC 18.32.225(A)(2)(A)]
17. ALL PLANT SUBSTITUTIONS WILL BE APPROVED BY THE CITY AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. UPDATED PLANS SHOWING ACCURATE PLANTING MATERIALS WILL BE PROVIDED TO THE CITY PRIOR TO BUILDING OCCUPANCY.
18. ALL PLANTS SHALL BE GUARANTEED FOR ONE (1) YEAR FROM DATE OF PROJECT ACCEPTANCE. ALL REPLACED PLANTS SHALL BE RE-GUARANTEED. ALL REPLACEMENTS SHALL BE MADE WITHIN 21 DAYS OF RECEIVING WRITTEN NOTICE FROM THE OWNER. CONTRACTOR SHALL NOT BE RESPONSIBLE FOR PLANTS DYING DUE TO OWNER NEGLECT OR VANDALISM, AFTER THE MAINTENANCE PERIOD.
19. PLANT LIST QUANTITIES ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES IN LIST WITH ACTUAL PLANT CALL-OUTS, AND INSTALLING PLANTINGS PER THE LANDSCAPE PLAN. GROUNDCOVER AND/OR MASS SHRUB QUANTITIES SHALL BE ADJUSTED AS REQUIRED FOR FIELD CONDITIONS AT THE SPECIFIED SPACING.
20. FINAL INSPECTION SHALL OCCUR AT THE CONCLUSION OF A 60-DAY MAINTENANCE PERIOD. MAINTENANCE PERIOD SHALL COMMENCE UPON COMPLETION OF ALL LANDSCAPE INSTALLATION ACTIVITIES AND SHALL INCLUDE THE FOLLOWING:
 - A. REMOVE ALL WEEDS OVER 1" IN HEIGHT, REFER TO THE THURSTON COUNTY'S IPMP FOR ADDITIONAL REQUIREMENTS.
 - B. REPLACE DEAD OR UNHEALTHY PLANTS.
 - C. ENSURE PROPER FUNCTION OF IRRIGATION SYSTEM, SEE OMC 18.32.225.A.2(C) FOR ADDITIONAL REQUIREMENTS.
 - D. ENSURE ADEQUATE MOISTURE IS DELIVERED TO ALL LANDSCAPE BEDS INCLUDING NON-IRRIGATED AREAS.
 - E. FERTILIZE ALL LAWNS AT CONCLUSION OF MAINTENANCE PERIOD, SEE OMC 18.32.225.A.2(A) FOR ADDITIONAL REQUIREMENTS.
21. ALL APPLICATIONS OF FERTILIZERS AND CHEMICALS SHALL BE RE-EVALUATED PRIOR TO ACTUAL LANDSCAPE INSTALLATION AND MAINTENANCE.



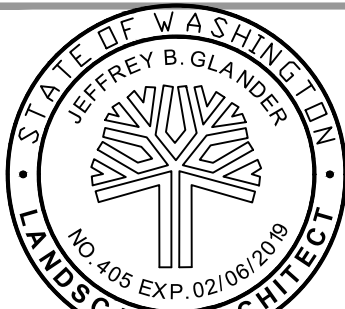
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architects

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Olympia, Washington 98501
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KMB Project # E1626

HEALTH AND WELLNESS CENTER RENOVATION AND ADDITION
SOUTH PUGET SOUND COMMUNITY COLLEGE
2011 MOTTMAN ROAD SW, OLYMPIA, WA 98512
STATE PROJECT NO. 2018-111A

ORIGINAL SHEET SIZE = 24 x 36
HALF SIZE REDUCTIONS = 11 x 17

REVISIONS:

DATE:

05/02/2018

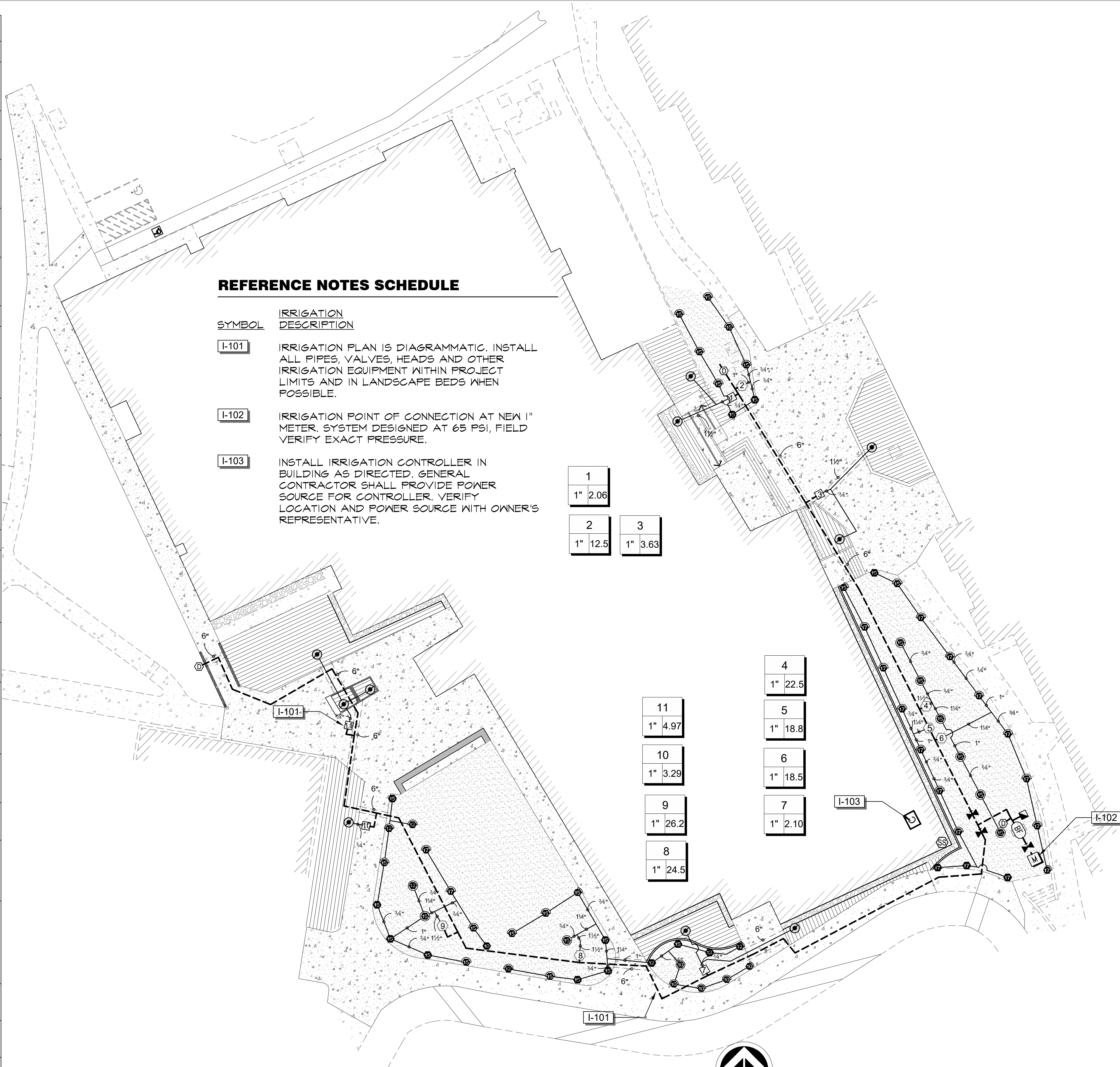
DESIGN DEVELOPMENT

SHEET NO.

L2.02

LANDSCAPE DETAILS
AND SPECIFICATIONS

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	DETAIL
	HUNTER PROS-04-CV 10' RADIUS TURF SPRAY, 4.0" POP-UP, WITH DRAIN CHECK VALVE. CO-MOLDED NIPER SEAL WITH UV RESISTANT MATERIAL.	30	6/M12.02
	HUNTER PROS-04-CV 12' RADIUS TURF SPRAY, 4.0" POP-UP, WITH DRAIN CHECK VALVE. CO-MOLDED NIPER SEAL WITH UV RESISTANT MATERIAL.	30	6/M12.02
	HUNTER PROS-04-CV 15' RADIUS TURF SPRAY, 4.0" POP-UP, WITH DRAIN CHECK VALVE. CO-MOLDED NIPER SEAL WITH UV RESISTANT MATERIAL.	30	6/M12.02
	HUNTER PROS-04-CV 17' RADIUS TURF SPRAY, 4.0" POP-UP, WITH DRAIN CHECK VALVE. CO-MOLDED NIPER SEAL WITH UV RESISTANT MATERIAL.	30	6/M12.02
	HUNTER PROS-04-CV ADJ TURF SPRAY, 4.0" POP-UP, WITH DRAIN CHECK VALVE. CO-MOLDED NIPER SEAL WITH UV RESISTANT MATERIAL.	30	6/M12.02
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION		DETAIL
	HUNTER FCZ-101-25 DRIP CONTROL VALVE KIT, 1" F6V GLOBE VALVE WITH 1" HY100 FILTER SYSTEM. PRESSURE REGULATION: 25PSI. FLOW RANGE: 0.5 GPM TO 15 GPM. 150 MESH STAINLESS STEEL SCREEN.		6/L3.02
	TECHLINE START CONNECTION LATERAL TO DRIP ZONE TUBING WITH SWING JOINT ASSEMBLY		7/L3.02
	AREA TO RECEIVE DRIPLINE NETAFIM TLCV-06-18 TECHLINE PRESSURE COMPENSATING LANDSCAPE DRIPLINE WITH CHECK VALVE. 0.6 GPH EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. ITMM.		5/L3.02
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION		DETAIL
	HUNTER ICV-6 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.		2/L3.02
	HUNTER HQ-33DRG QUICK COUPLER VALVE, YELLOW RUBBER COVER, RED BRASS AND STAINLESS STEEL, WITH 3/4" NPT INLET, 2-PIECE BODY.		5/M12.02
	MATCO-NORCA T59 BRASS SHUT OFF BALL VALVE, 1/2" TO 4". TWO PIECE BODY, BLOW-OUT PROOF STEM, CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE.		3/L3.02
	DRAIN VALVE WILKINS #200 3/4" ANGLE VALVE FOR MANUAL DRAIN VALVE ASSEMBLY W/ KEY EXTENSION		8/L3.02
	FEBCO 850 1" DOUBLE CHECK BACKFLOW PREVENTION, 1/2" TO 2"		1/L3.02
	HUNTER FC-400 WITH (02) FCM-300 LIGHT COMMERCIAL & RESIDENTIAL CONTROLLER, 10-STATION EXPANDED MODULE CONTROLLER, 120 VAC, OUTDOOR MODEL		
	HUNTER WSS-SEN WIRELESS SOLAR, RAIN FREEZE SENSOR WITH OUTDOOR INTERFACE, CONNECTS TO HUNTER X-CORE AND ACC CONTROLLERS, INSTALL AS NOTED. INCLUDES GUTTER MOUNT BRACKET. MODULE NOT INCLUDED.		
	WATER METER 1" SYSTEM DESIGNED AT XX PSI, FIELD VERIFY EXACT PRESSURE ON SITE		
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 12" BELOW GRADE, 24" BELOW PAVED AREAS		
	IRRIGATION MAINLINE: PVC SCHEDULE 40 18" BELOW GRADE, 24" BELOW PAVED AREAS		
	PIPE SLEEVE: PVC CLASS 200 SDR 21 BURY 24" BELOW GRADE		



SYMBOL

IRRIGATION

DESCRIPTION

I-101

IRRIGATION PLAN IS DIAGRAMMATIC. INSTALL ALL PIPES, VALVES, HEADS AND OTHER IRRIGATION EQUIPMENT WITHIN PROJECT LIMITS AND IN LANDSCAPE BEDS WHEN POSSIBLE.

I-102

IRRIGATION POINT OF CONNECTION AT NEW 1" METER. SYSTEM DESIGNED AT 65 PSI, FIELD VERIFY EXACT PRESSURE.

I-103

INSTALL IRRIGATION CONTROLLER IN BUILDING AS DIRECTED. GENERAL CONTRACTOR SHALL PROVIDE POWER SOURCE FOR CONTROLLER. VERIFY LOCATION AND POWER SOURCE WITH OWNER'S REPRESENTATIVE.



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DATE:
05/02/2018

DESIGN DEVELOPMENT

SHEET NO.

L3.01

IRRIGATION PLAN



Pennisetum alopecuroides 'Hameln'



Bergenia cordifolia 'Red Beauty'



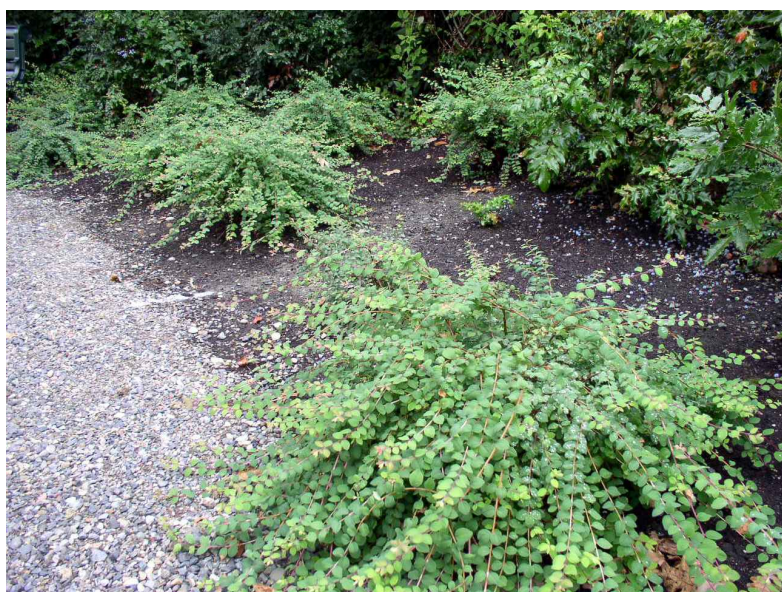
Aucuba japonica 'Gold Dust'



Leucothoe axillaris



Mahonia aquifolium 'Orange Flame'



Symphoricarpos mollis



Rubus calycinoides 'Emerald Carpet'



Miscanthus sinensis 'GHANA'



Molinia caerulea 'Variegata'



Rhus aromatica 'Gro-Low'



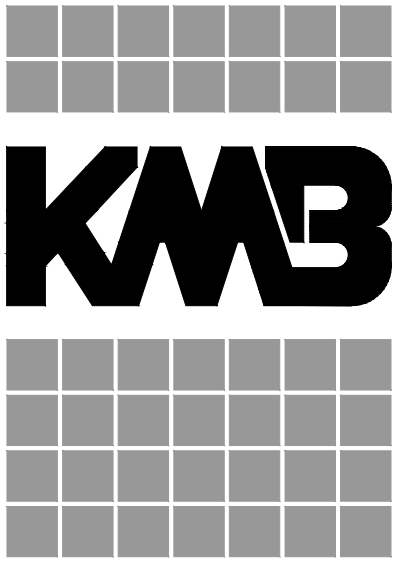
Tsuga mertensiana



Buxus sempervirens 'Fastigiata'

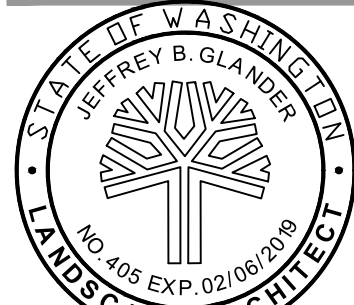


Zelkova serrata 'Green Vase'



architects

906 Columbia Street SW, Suite 400
Olympia, Washington 98501
360.352.8883



KMB Project # E1626

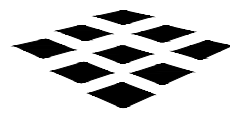
HEALTH AND WELLNESS CENTER RENOVATION AND ADDITION
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2011 MOTTMAN ROAD SW, OLYMPIA, WA 98512
STATE PROJECT NO. 2018-111A

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L2.03

PLANT PHOTOS



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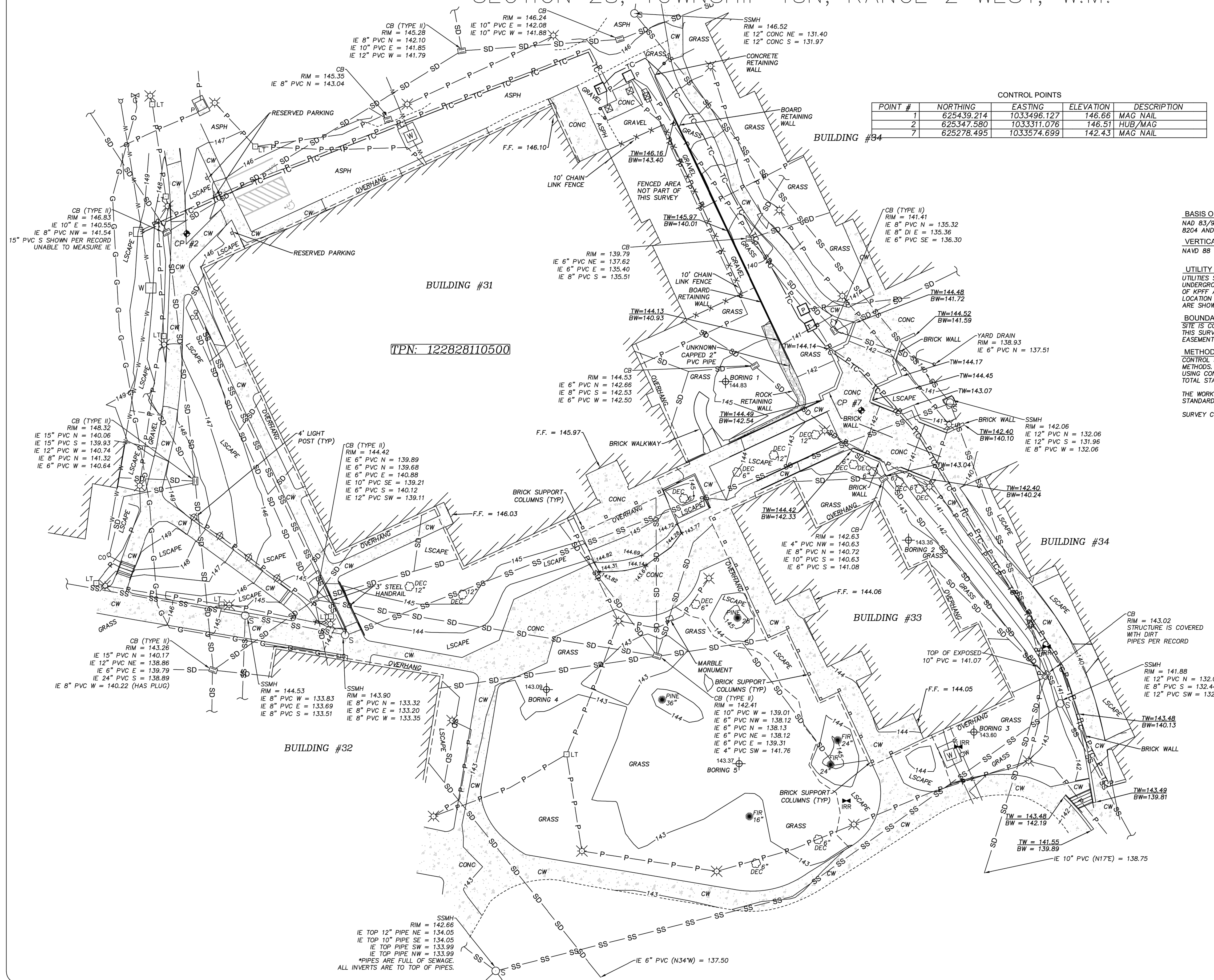
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TOPOGRAPHIC SURVEY
IN
SECTION 28, TOWNSHIP 18N, RANGE 2 WEST, W.M.



BASIS OF MERIDIAN:
NAD 83/91 - PER THURSTON COUNTY HIGH PRECISION NETWORK CONTROL POINTS
8204 AND 476AZ.

VERTICAL DATUM:
NAVD 88 - PER THURSTON COUNTY HIGH PRECISION NETWORK CONTROL POINT 8204.

UTILITY NOTE:
UTILITIES SHOWN HEREON ARE PER KPFF SITE SURVEY OF SURFACE FEATURES,
UNDERGROUND LOCATES PERFORMED BY KPFF, AND AS-BUILTS ON FILE AT THE OFFICE
OF KPFF AND SHOULD BE CONSIDERED APPROXIMATE ONLY. STEPS TO CONFIRM
LOCATION PRIOR TO CONSTRUCTION SHOULD BE TAKEN. ROOF DRAIN CONNECTIONS
ARE SHOWN PER RECORD.

BOUNDARY NOTE:
SITE IS CONTAINED WITHIN THE SOUTH PUGET SOUND COMMUNITY COLLEGE OWNERSHIP.
THIS SURVEY MAKES NO DETERMINATION RELATING TO BOUNDARY, RIGHT OF WAY, OR
EASEMENTS THAT MAY AFFECT THE SITE AREA.

METHOD OF SURVEY:
CONTROL SURVEY PERFORMED USING TOPCON GR-S GPS RECEIVERS USING RTK
METHODS. CONVENTIONAL FIELD TRAVERSE AND TOPOGRAPHIC SURVEY PERFORMED
USING CONVENTIONAL GROUND METHODS WITH THE USE OF A TOPCON PS101 ROBOTIC
TOTAL STATION.

THE WORK PERFORMED DURING THE COURSE OF THIS SURVEY MEETS OR EXCEEDS THE
STANDARDS AS SET FORTH IN WAC 332-130-090.

SURVEY COMPLETED IN FEBRUARY OF 2018.

LEGEND

- CONTROL POINT
- POWER VAULT
- POWER TRANSFORMER
- LIGHT JUNCTION BOX
- LUMINAIRE
- WALKWAY LIGHT
- TELEPHONE VAULT
- FIRE HYDRANT
- WATER VAULT
- WATER METER
- IRRIGATION VALVE
- GAS VALVE
- GAS METER
- SANITARY SEWER MANHOLE
- SEWER CLEANOUT
- CATCH BASIN
- STORM CLEANOUT
- SIGN AS NOTED
- BOLLARD
- BORING LOCATION
- SPECIES
- SIZE
- SPECIES
- SIZE
- LARGE BUSH
- GAS LINE
- WATER LINE
- SANITARY SEWER
- STORM DRAIN
- UNDERGROUND POWER
- UNDERGROUND COMMUNICATIONS
- EDGE OF PAVEMENT
- FENCE AS NOTED
- BUILDING HATCH
- ROCK HATCH
- CONCRETE HATCH

SURVEYORS CERTIFICATE
I HEREBY CERTIFY THAT THIS MAP IS AN ACCURATE
REPRESENTATION MADE BY ME OR UNDER MY
DIRECTION.



DATE
JEREME F. CHAPMAN
PROFESSIONAL LAND SURVEYOR
CERTIFICATE NO. 45779

612 Woodland Square Loop SE,
Suite 100
Lacey, WA 98503
360.292.7220
www.kpff.com

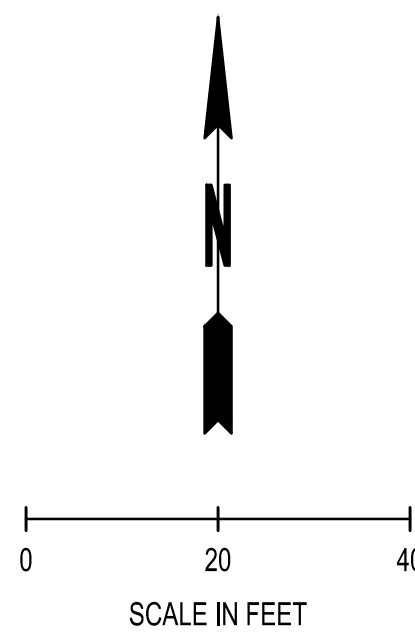
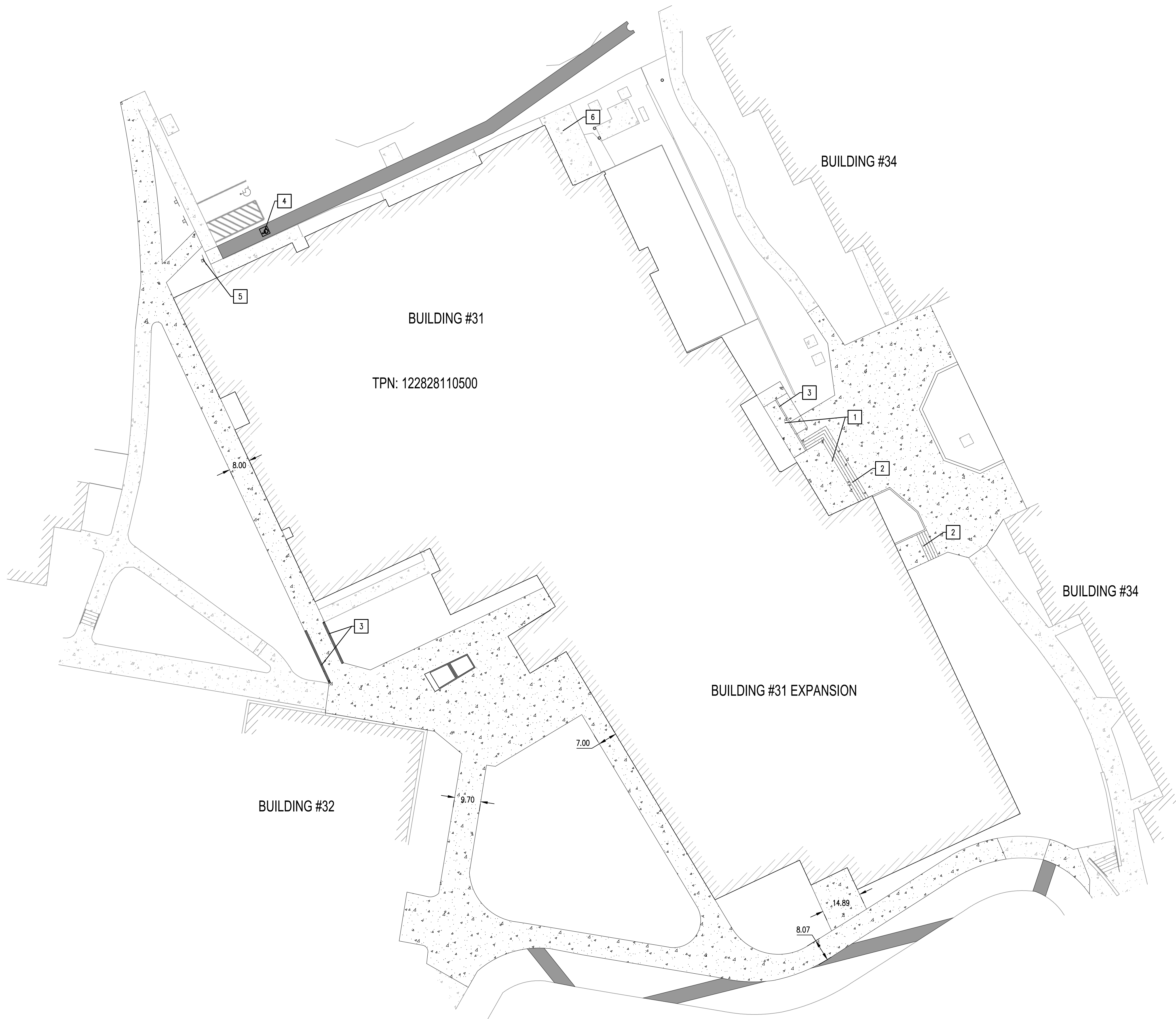
kpff

TOPOGRAPHIC SURVEY
OF A PORTION OF
SEC. 28 TWP 18 N, R 2 W, W.M.,
AT THE REQUEST OF
DEPT. OF ENTERPRISE SERVICES

SCALE: 1" = 20'
JOB: 81800001
DATE: 2/13/2018
SHEET 1 OF 1

EX-01

SEC. 28, T18N., R2W., W.M.



LEGEND

	PROPOSED BUILDING
	CONCRETE SIDEWALK
	ASPHALT PAVEMENT

- XX CONSTRUCTION NOTES:
1. SIDEWALK ENTRANCE WITH RAMP AND LANDING (SEE ENLARGEMENT ON SHEET CG-01)
 2. STEPS TO BE CONSTRUCTED PER ARCHITECTURAL PLANS
 3. ADA RAMP HANDRAIL PER ARCHITECTECTURAL PLANS
 4. ACCESSIBILITY SYMBOL, 4" WIDE STRIPING PAINT 2 COATS WHITE W/ 7 MIL. DFT PER COAT
 5. REPLACE RESERVED PARKING SIGN
 6. EXISTING SOLID WASTE RECEPTACLE TO REMAIN

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CALL BEFORE YOU DIG

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT (800) 424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

KMB
architects

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ROSS D. JARVIS
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER
43608

KMB Project # E1626

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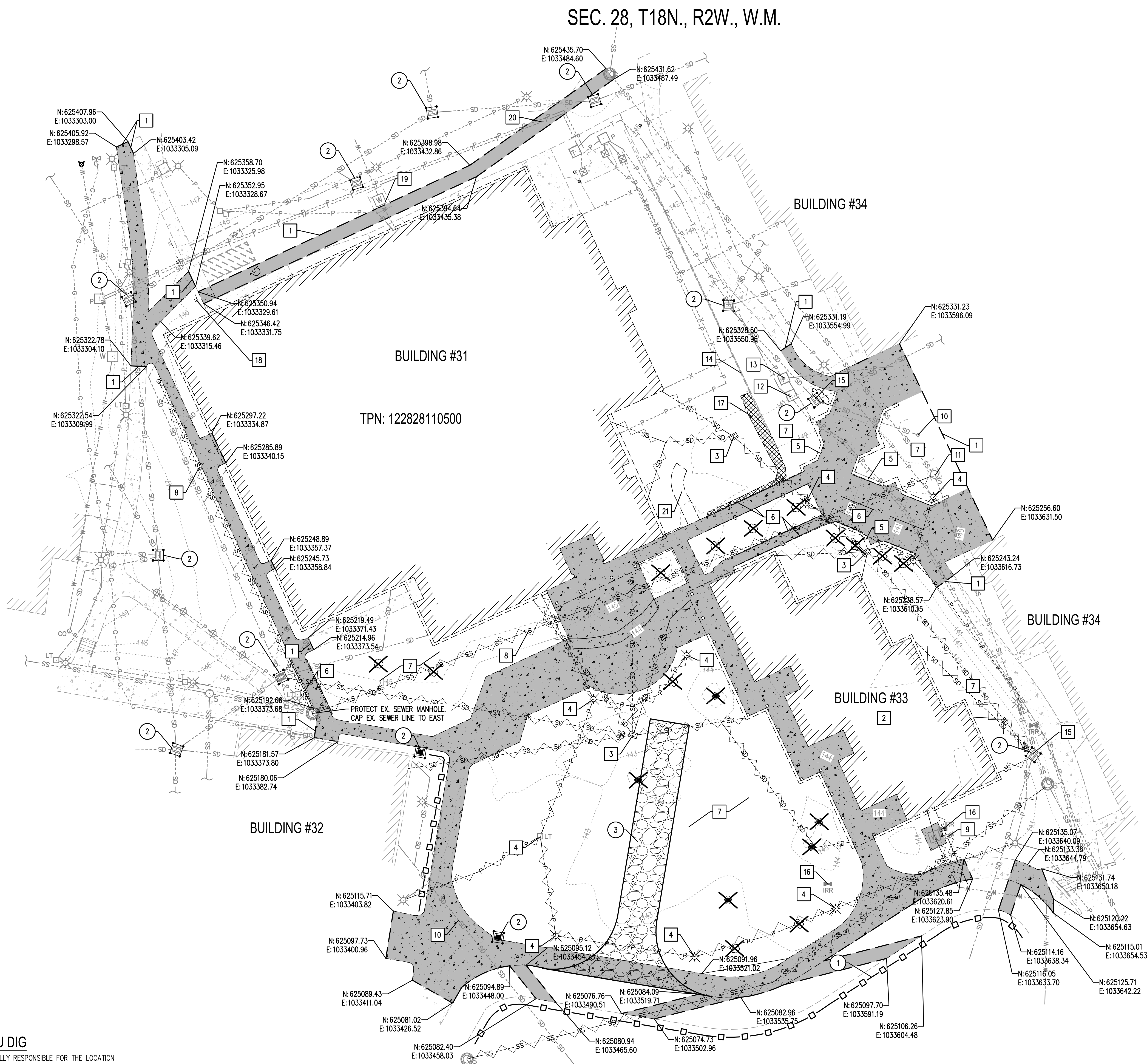
SP-01
SITE IMPROVEMENT
PLAN

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PLOT: mdy printed.scj W8x11 Bk (Korus C1050), 5x11, May 3, 2018 (4:10 PM)

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PLOT: AutoCAD PDF (General Documentation).pc3, ARCH full sheet D (24.00 x 36.00 inches), SC-Full.ctb - April 30, 2018 3:38 PM

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT (800) 424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.



LEGEND

- STABILIZED CONSTRUCTION ENTRANCE
- INLET SEDIMENT PROTECTION
- SILT FENCE
- SAWCUT
- EXISTING CONCRETE/ASPHALT/SIDEWALK/CURB AND BASE TO BE REMOVED
- EXISTING TREE TO BE REMOVED
- REMOVE EXISTING STORM LINE AND BACKFILL TO 95%
- REMOVE EXISTING POWER LINE AND BACKFILL TO 95%
- REMOVE EXISTING SEWER LINE AND BACKFILL TO 95%
- REMOVE EXISTING WATER LINE AND BACKFILL TO 95%

XX EROSION CONTROL NOTES:

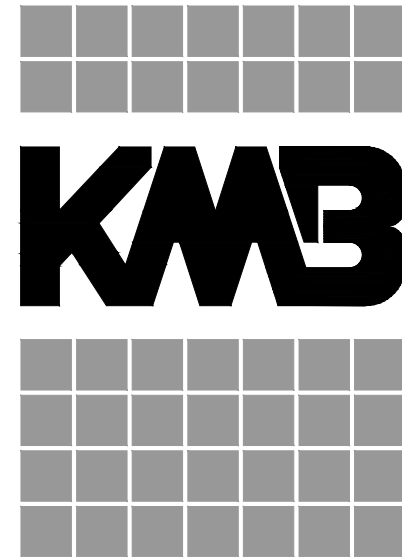
- SILT FENCE
- INLET PROTECTION
- CONSTRUCTION ENTRANCE

XXI DEMOLITION NOTES:

- SAWCUT
- EXISTING BUILDING AND FOUNDATION TO BE DEMOLISHED
- REMOVE STORM STRUCTURE AND BACKFILL TO 95% COMPACTION
- REMOVE LIGHT STANDARD, J-BOXES, AND BACKFILL TO 95% COMPACTION
- REMOVE BRICK WALL
- REMOVE HANDRAIL
- REMOVE LANDSCAPING (CLEAR AND GRUB)
- REMOVE SEWER LINE
- RELOCATE IRRIGATION METER, SEE LANDSCAPE PLANS FOR LOCATION
- PROTECT EXISTING UTILITY UNLESS NOTED OTHERWISE
- PROTECT MANHOLE, ADJUST TO GRADE
- PROTECT TELEPHONE VAULT, ADJUST TO GRADE
- PROTECT POWER VAULT, ADJUST TO GRADE
- PROTECT WOOD RETAINING WALL
- PROTECT CATCH BASIN, ADJUST TO GRADE AS NECESSARY
- REMOVE IRRIGATION VALVE/METER
- REMOVE ROCK WALL
- REMOVE AND REPLACE RESERVED PARKING SIGN
- PROTECT WATER VAULT
- PROTECT COMMUNICATIONS TRENCH
- REMOVE BRICK WALKWAY

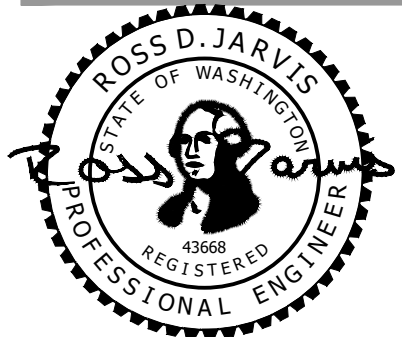
SCJ ALLIANCE
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KMB Project # E1626

HEALTH AND WELLNESS CENTER RENOVATION AND ADDITION
SOUTH PUGET SOUND COMMUNITY COLLEGE
2011 MOTTMAN ROAD SW, OLYMPIA, WA 98512
STATE PROJECT NO. 2018-111A

ORIGINAL SHEET SIZE = 24 x 36
HALF SIZE REDUCTIONS = 11 x 17

REVISIONS:

DATE:
05/02/2018

DESIGN DEVELOPMENT

SHEET NO.

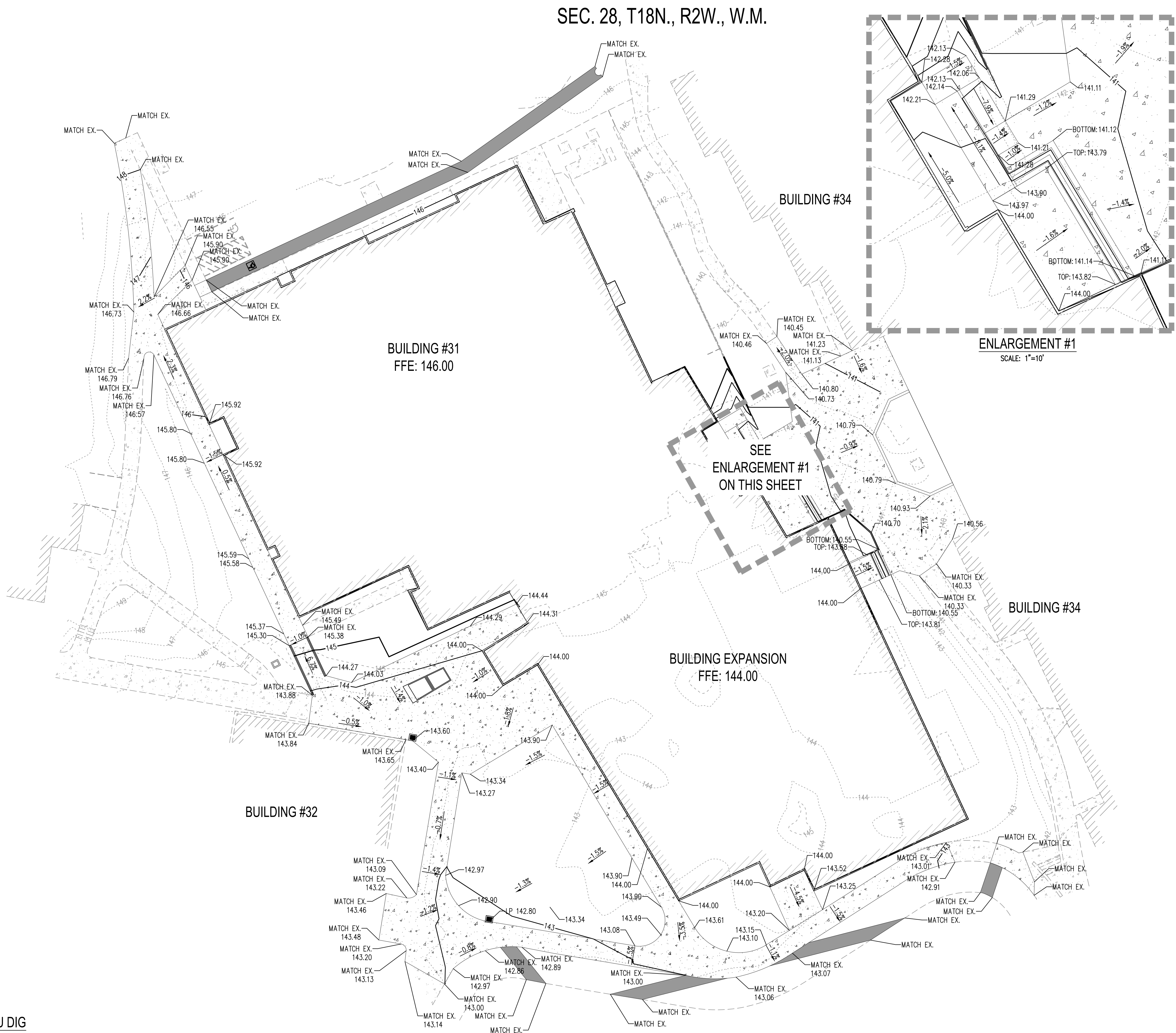
EC-01

DEMOLITION AND
TESC PLAN

LAST SAVE: mdyw\chb\ 0830.17 CG-01.dwg, April 17, 2018 3:49 PM
PLOT: AutoCAD PDF (General Documentation).pc3, ARCH, full bleed D (24.00 x 36.00 inches), SC-Fullch - April 30, 2018 (3:38 PM)

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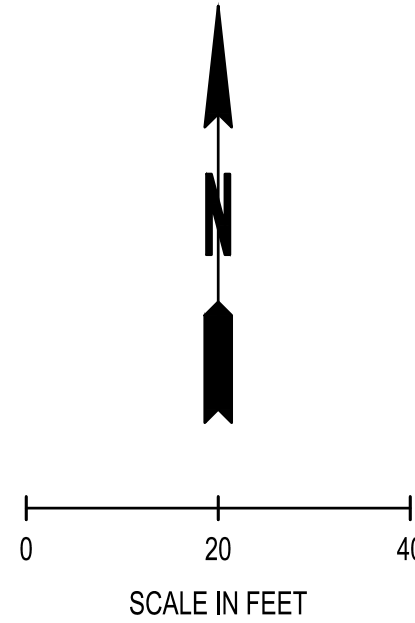
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GRADING QUANTITIES
CUT: 155 C.Y.
FILL: 238 C.Y.
NET: 83 C.Y. (FILL)

- LEGEND**
- XX--- EXISTING MAJOR CONTOUR
 - XX--- EXISTING MINOR CONTOUR
 - XX--- PROPOSED MAJOR CONTOUR
 - XX--- PROPOSED MINOR CONTOUR
 - XX--- GRADE BREAK
 - XXX.XX SPOT ELEVATION
 - XX% SLOPE LABEL



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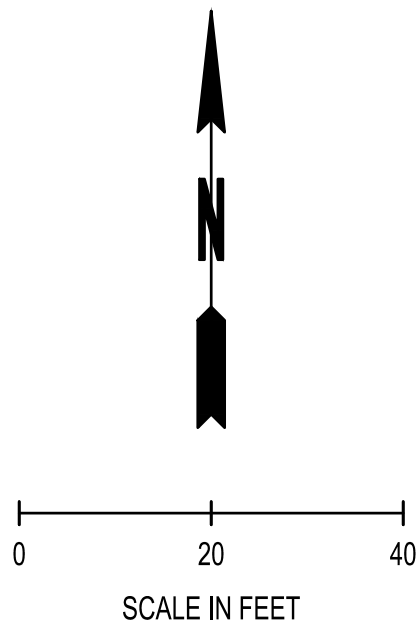
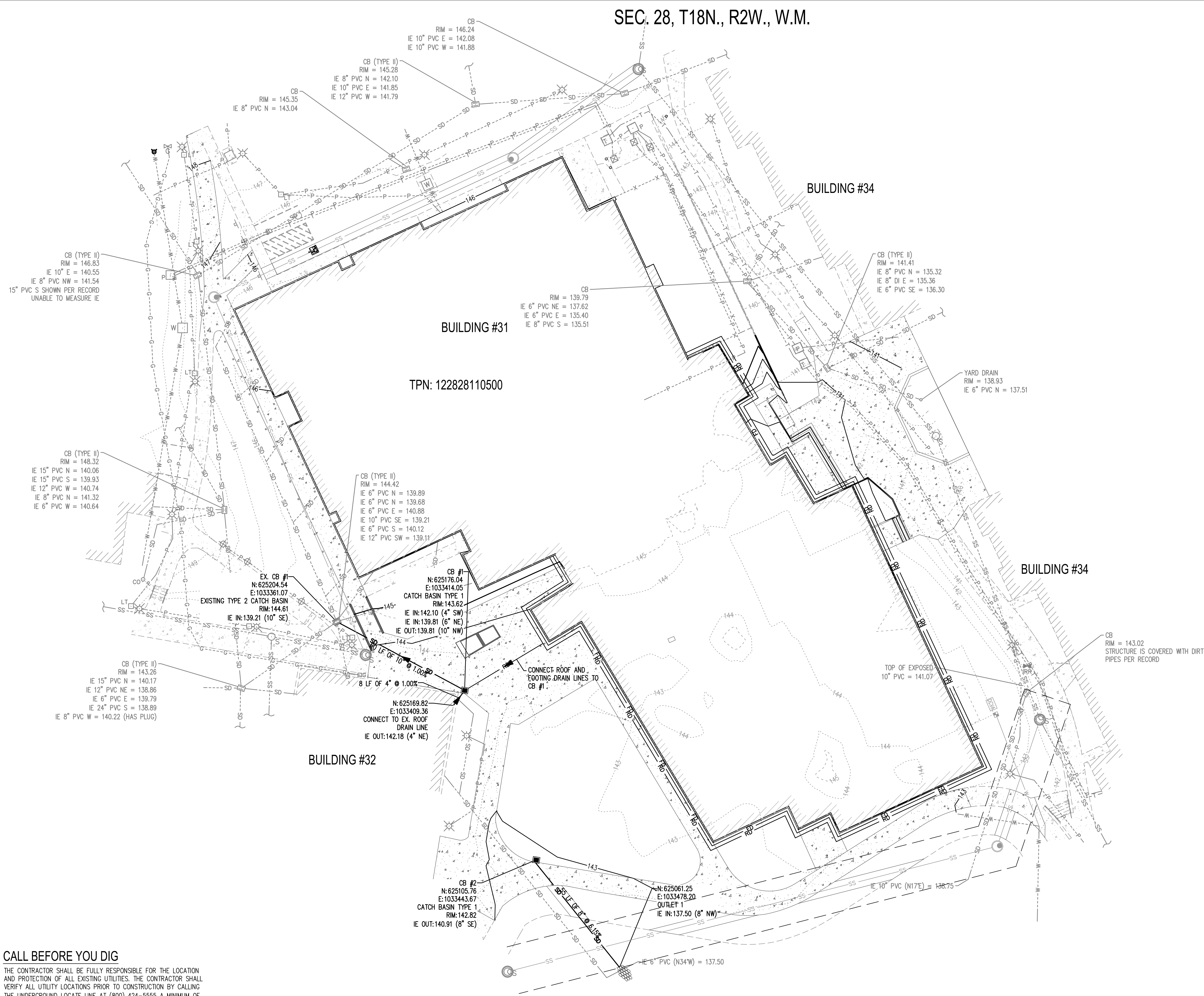
DATE: 05/02/2018
DESIGN DEVELOPMENT
SHEET NO.

CG-01
GRADING PLAN

LAST SAVE: m:\proj\4444b\089017 SD-01.dwg, April 30, 2018 3:31 PM
PLOT: AutoCAD PDF (General Documentation).pc3, ARCH full sheet D (24.00 x 36.00 inches), SC-Full.ctb - April 30, 2018 (3:38 PM)

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LEGEND

---XX---	EXISTING CONTOURS (MAJOR/MINOR)
---XX---	PROPOSED CONTOURS (MAJOR/MINOR)
---SD---	EXISTING STORM LINE
SD	EXISTING CATCH BASIN
SD	STORM PIPE
FD	FOUNDATION DRAIN
RD	ROOF DRAIN
D	6" PERFORATED UNDERDRAIN
CB	TYPE 1 CATCH BASIN
Q	QUARRY SPALLS

NOTES:

- ALL CATCH BASINS ARE STATIONED TO THE CENTER OF GRATE.

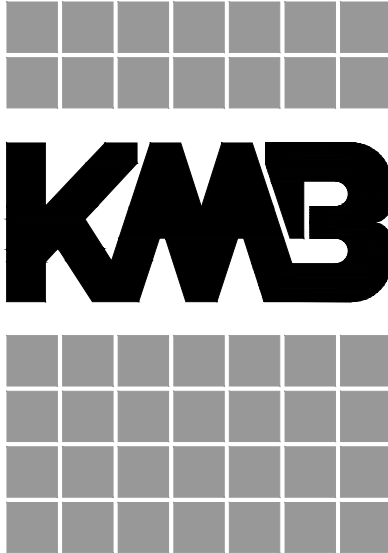
CITY OF OLYMPIA STORMWATER NOTES:

- ALL STORM CONVEYANCES AND RETENTION/DETENTION AREAS WILL BE STAKED FOR GRADE AND ALIGNMENT BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK.
- SPECIAL STRUCTURES, OIL/WATER SEPARATORS, AND OUTLET CONTROLS WILL BE INSTALLED PURSUANT TO PLANS AND MANUFACTURER'S RECOMMENDATIONS.
- WHERE CONNECTIONS REQUIRE "FIELD VERIFICATIONS", CONNECTION POINTS WILL BE EXPOSED BY CONTRACTOR AND FITTINGS VERIFIED 48 HOURS PRIOR TO DISTRIBUTING SHUTDOWN NOTICES.
- ALL STORM LINES AND CATCH BASINS SHALL BE HIGH-VELOCITY CLEANED AND PRESSURE TESTED IN ACCORDANCE WITH DIVISION 7 OF THE STANDARD SPECIFICATIONS PRIOR TO PAVING IN CONFORMANCE WITH THE ABOVE-REFERENCED SPECIFICATIONS. HYDRANT FLUSHING OF LINES IS NOT AN ACCEPTABLE CLEANING METHOD.
- TESTING OF THE STORM PIPING WILL INCLUDE TELEVISION INSPECTION, COMPATIBLE WITH GRANITE XP SOFTWARE, AT THE CONTRACTOR'S EXPENSE. ADDITIONAL TELEVISION THAT IS DEEMED NECESSARY WILL ALSO BE AT THE CONTRACTOR'S EXPENSE. ALL TELEVISION INSPECTIONS SHALL BE COMPLETED IN THE MANNER AS REQUIRED BY THE PACF. IMMEDIATELY PRIOR TO TELEVISION INSPECTING, ENOUGH WATER WILL BE RUN DOWN THE LINE SO IT COMES OUT THE LOWER MANHOLE AND THE LINE IS FLUSHED CLEAN. ACCEPTANCE OF THE LINE WILL BE MADE AFTER THE TELEVISION INSPECTION TAPE HAS BEEN REVIEWED AND APPROVED BY THE INSPECTOR.
- ALL CATCH BASINS SHALL HAVE A CURB MARKER, ANTI-DUMPING DISC INSTALLED AS SPECIFIED IN THE EDDS.
- ALL SOLID ROUND CATCH BASIN COVERS SHALL BE CITY OF OLYMPIA DECORATIVE STANDARD (PER STANDARD DRAWING 5-12).
- ALL SURFACE STORM WATER FACILITIES SHALL HAVE INFORMATIONAL SIGNS INSTALLED ADJACENT TO STREETS, SIDEWALKS AND PATHS.



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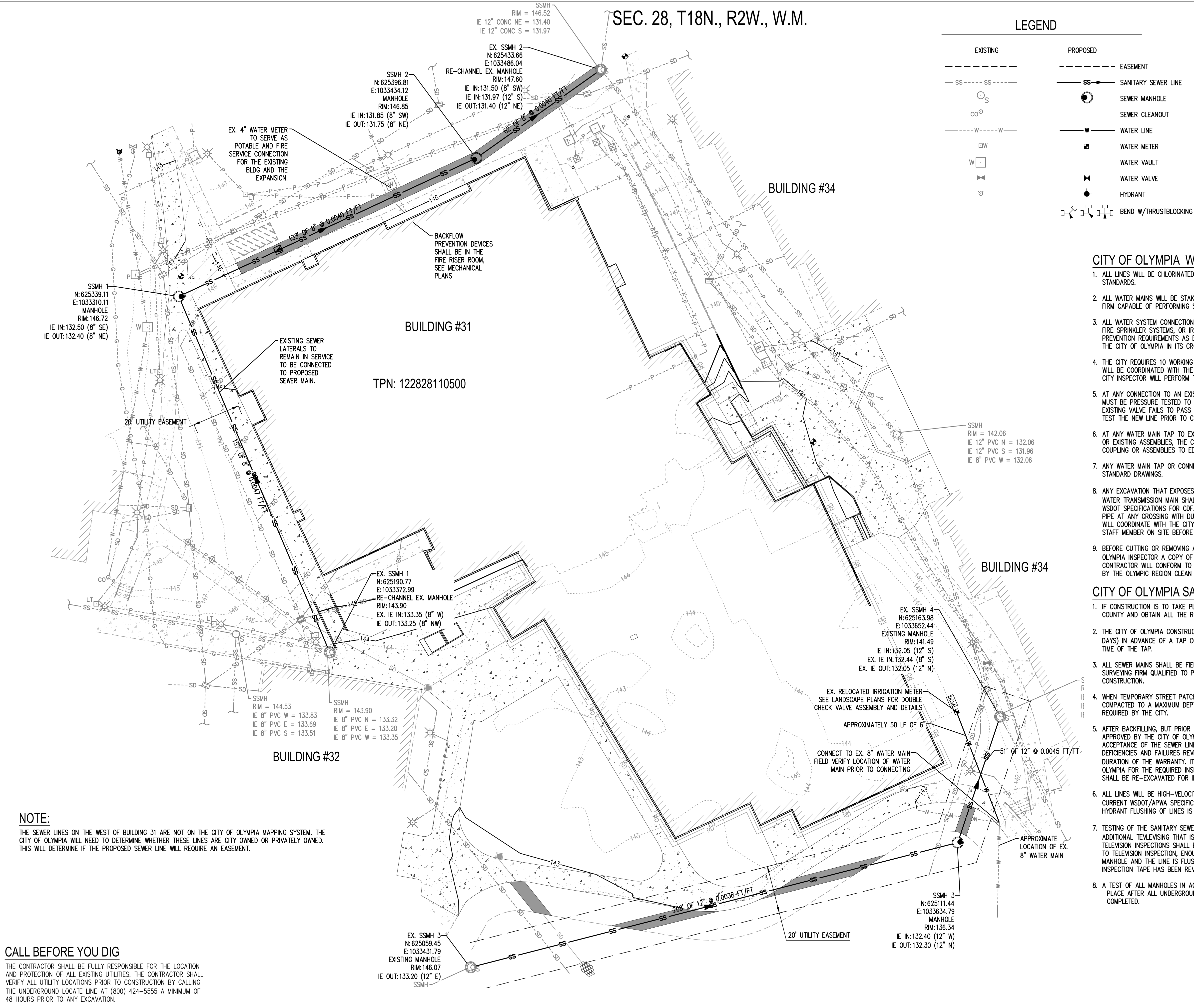
DESIGN DEVELOPMENT

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SD-01

DRAINAGE PLAN

LAST SAVE: m:\proj\4444b\0890\UT-01.dwg, April 25, 2018, 9:43 AM
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UT-01

WATER AND
SEWER PLAN