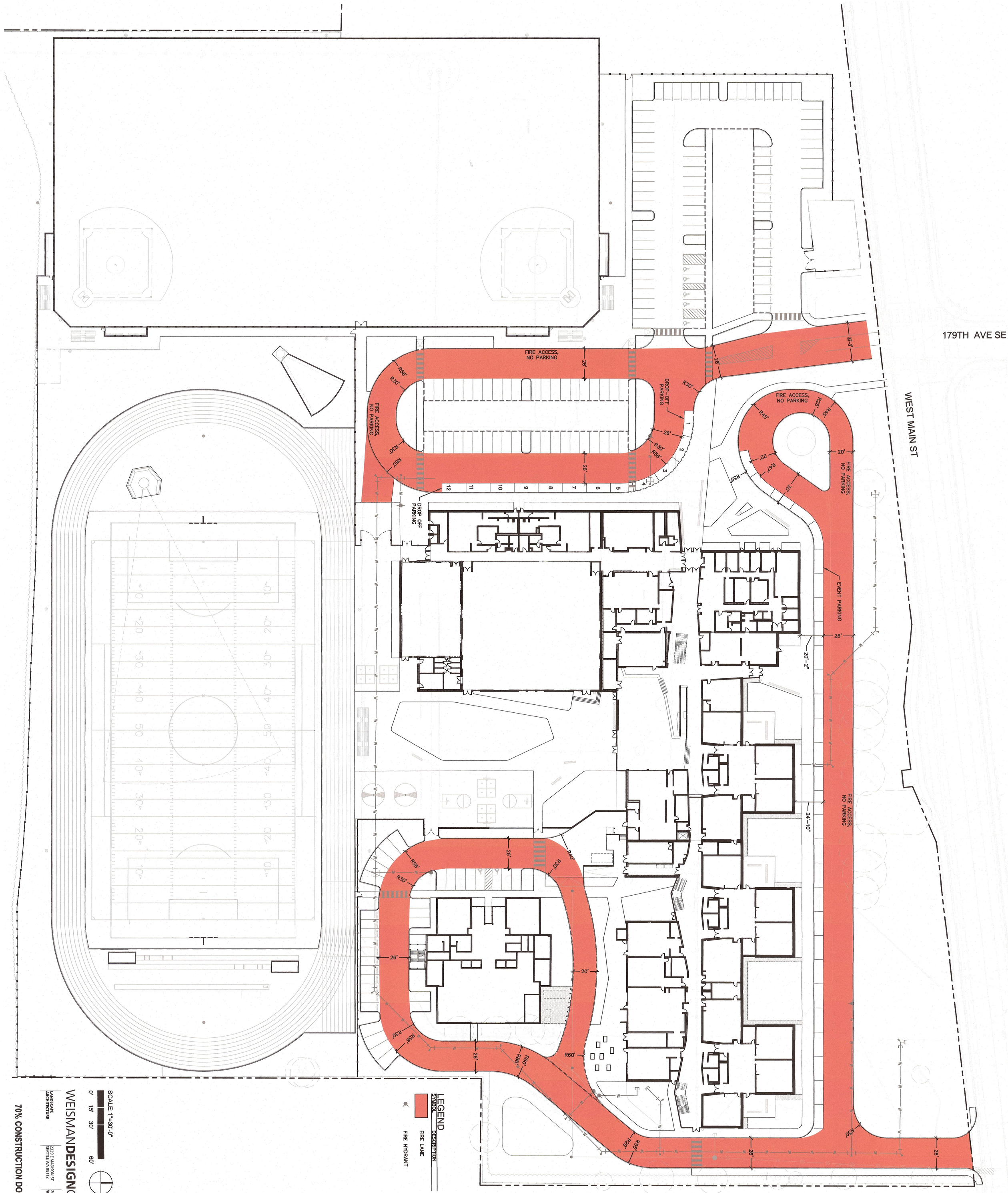

LEGEND

SYMBOL	DESCRIPTION
	FIRE LANE
	FIRE HYDRANT

SCALE: 1"=30'-0"

0' 15' 30' 60'

WEISMANDESIGNGROUP

LANDSCAPE ARCHITECTURE

2329 E MADISON ST
SEATTLE WA 98112

206-322-1732
WWW.WDGINC.COM

70% CONSTRUCTION DOCUMENTS

Date:	12.18.2015
Job No.:	21004.00
Drawn By:	TY
Checked by:	NH

Revisions

#	Date	Description

FIRE ACCESS PLAN

L-100a

Monroe School District
Park Place Middle School

1408 W Main St, Monroe, WA 98272

STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
NICHOLAS PAUL HAGAN
CERTIFICATE NO. 753

integrus ARCHITECTURE

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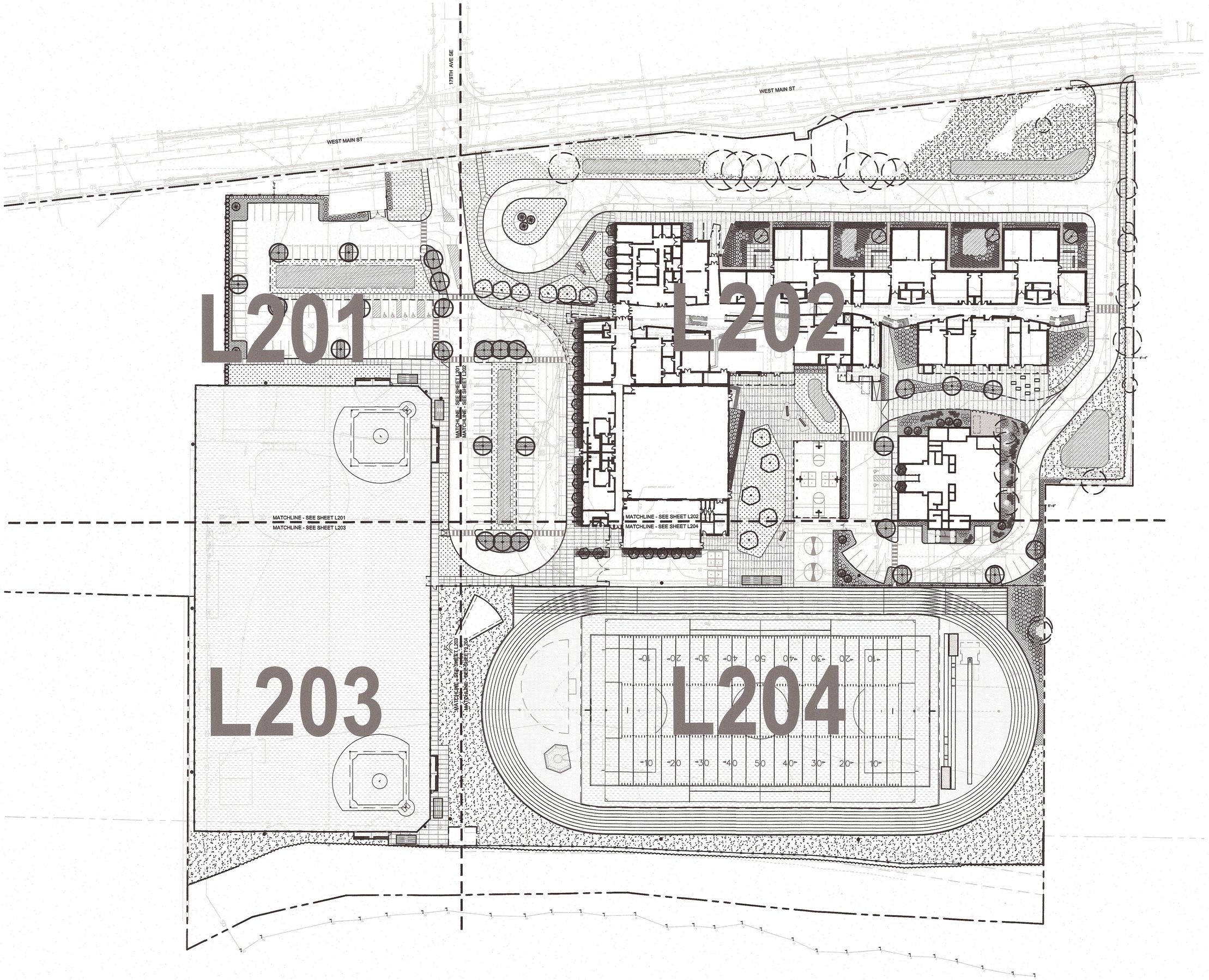

LANDSCAPE SCHEDULE (LEGEND SHOWN AT 1"=40'-0") ★ INDICATES PACIFIC NORTHWEST NATIVE SPECIES

SYMBOL	BOTANICAL/COMMON NAME	SIZE/CONDITION/REMARKS	QTY
	DECIDUOUS TREES		
	GINKGO BILOBA 'AUTUMN GOLD' AUTUMN GOLD GINKGO	MALE SELECTION, MIN. 3" CALIPER, 12–14' HT. WELL–BRANCHED ABOVE 6' HT., MATCHED, B&B.	11
	ACER X FREEMANII 'JEFFERSRED' AUTUMN BLAZE MAPLE	MIN. 3" CALIPER, 12–14' HT. WELL–BRANCHED ABOVE 6' HT., MATCHED, B&B.	26
	BETULA UTILIS VAR. JACQUEMONTII WHITEBARKED HIMALAYAN BIRCH	MIN. 3" CALIPER, 12–14' HT. WELL–BRANCHED ABOVE 6' HT., MATCHED, B&B.	4
	★ AMELANCHIER X 'AUTUMN BRILLIANCE' SERVICEBERRY	MULTI–STEMMED, MIN (3) 1" CALIPER TRUNKS, 8'–10' HT., WELL–BRANCHED, FULL & BUSHY, MATCHED, B&B.	26
	EVERGREEN TREES		
	PICEA OMORIKA SERBIAN SPRUCE	10' HT., FULL & BUSHY TO BASE, B&B	5
	★ THUJA PLICATA 'HOGAN' HOGAN CEDAR	10' HT., FULL & BUSHY TO BASE, B&B	9
	THUJA OCCIDENTALIS 'SMARAGD' EMERALD GREEN ABORVITAE	8' HT., FULL & BUSHY TO BASE, B&B	48
	SHRUBS / ORNAMENTAL GRASSES		
C	★ CORNUS ALBA 'ELEGANTISSIMA' VARIEGATED REDTWIG DOGWOOD	MIN. 18–24" HT. & SPR, FULL & BUSHY, CONT.	60
	★ CORNUS STOLONIFERA 'KELSEYI' KELSEY DOGWOOD	MIN. 15–18" HT. AND SPREAD, FULL & BUSHY, CONT.	695
M	★ MYRICA CALIFORNICA PACIFIC WAX MYRTLE	MIN. 42" HT., FULL & BUSHY, CONT.	91
R	★ RIBES SANGUINEUM RED FLOWERING CURRANT	MIN. 18–24" HT. & SPR., FULL & BUSHY, CONT.	81
	★ RUBUS SPECTABILIS SALMONBERRY	MIN. 18–24" HT. & SPR., FULL & BUSHY, CONT.	41
	★ SYMPHORICARPOS ALBUS COMMON SNOWBERRY	MIN. 18–24" HT. & SPR., FULL & BUSHY, CONT.	255
V	★ VACCINIUM OVATUM EVERGREEN HUCKLEBERRY	MIN. 18–24" HT. & SPR., FULL & BUSHY, CONT.	88
	★ MAHONIA AQUIFOLIUM 'COMPACTA' DWARF OREGON GRAPE	MIN. 18–24" HT. & SPR., FULL & BUSHY, CONT.	30
P	★ POLYSTICHUM MUNITUM SWORD FERN	MIN. 18–24" HT. & SPR., FULL & BUSHY, MIN. 12 HEALTHY FRONDS, CONT.	486
	GROUNDCOVERS		
	★ MAHONIA REPENS CREEPING MAHONIA	1 GAL. POTS @ 18" O.C. TRIANGULAR SPACING, START FIRST ROW 12" FROM EDGE OF PLANTING AREA.	
	★ GAULTHERIA SHALLON SALAL	1 GAL. POTS @ 24" O.C. TRIANGULAR SPACING, START FIRST ROW 12" FROM EDGE OF PLANTING AREA.	
	EMERGENT MIX		
	★ CAREX OBNUPTA (50%, BOTTOM) SLOUGH SEDGE ★ JUNCUS ACUMINATUS (20%, BOTTOM) TAPERED BULRUSH ★ SCIRPUS MICROCARPUS SMALL FRUITED BULRUSH (10%, BOTTOM) ★ ELEOCHARIS PALUSTRIS (10%, BANK) COMMON SPIKE RUSH ★ SCIRPUS ACUTUS HARDSTEM BULRUSH (10%, BANK)	10" PLUGS @ 8" O.C., TRIANGULAR SPACING. PLANT SPECIES THAT TOLERATE DEEPER WATER LEVELS AT BOTTOM OF BIO–RETENTION AREAS	
	SEEDED LAWN	SEE SPECIFICATIONS	
	NO–NET SOD LAWN	SEE SPECIFICATIONS	
	SYNTHETIC FIELD TURF	SEE SPECIFICATIONS	
	EXISTING VEGETATION	SEE CIVIL FOR LIMITS OF CLEARING	
	EXISTING TREE TO REMAIN	SAVE AND PROTECT, SEE CIVIL FOR LIMITS OF CLEARING	

FENCING LEGEND (LEGEND SHOWN AT 1"=20'-0")

SYMBOL	FENCE TYPE
	30' HT. BACKSTOP FENCING
	10' HT. CHAIN LINK FENCE
	10' HT. CHAIN LINK FENCE WITH 15' NETTING
	6' HT. CHAIN LINK FENCE
	EXISTING CHAIN LINK FENCE TO REMAIN

GENERAL NOTES:

1. SUBMIT COLOR PHOTOS REPRESENTATIVE OF PROPOSED NURSERY STOCK FOR EACH PLANT SPECIES AND VARIETY LISTED IN LANDSCAPE SCHEDULE. FINAL APPROVAL OF PLANT MATERIAL WILL NOT BE PROVIDED UNTIL DELIVERY AND REVIEW ON SITE.
2. CONTAINERIZED TREES ARE STRONGLY DISCOURAGED. TREES WITH LARGE CIRCLING ROOTS OR TOO DEEP ROOT SYSTEMS WILL BE REJECTED.
3. ALL ROOT PACKAGES MUST BE FREE OF ANY WEEDS.
4. TREE STAKING REQUIREMENTS WILL BE DETERMINED BY LANDSCAPE ARCHITECT AT THE TIME OF PLANTING. PROPERLY PROPORTIONED AND PLANTED TREES WITH HEALTHY ROOT PACKAGES MAY NOT REQUIRE STAKING.
5. ALL TREE STAKES MUST BE REMOVED BY THE CONTRACTOR BY THE END OF THE FIRST FULL GROWING SEASON.
6. AT THE DIRECTION OF THE LANDSCAPE ARCHITECT, PRUNING MAY BE REQUIRED TO REMOVE DAMAGED, CROSSING, MISSHAPEN OR LOW BRANCHING LIMBS. TREES SHOULD NOT REQUIRE SIGNIFICANT PRUNING TO CORRECT HEALTH OR AESTHETIC DEFICIENCIES.
7. INSTALL 3" DEPTH SPECIFIED MULCH IN ALL LANDSCAPE AREAS.
8. INSTALL 8" DEPTH SPECIFIED TOPSOIL IN ALL LANDSCAPE AREAS.
9. PROVIDE A 4' DIAMETER MULCH CIRCLE AROUND ALL TREES PLANTED IN LAWN AREAS.
10. REFER TO CIVIL DEMOLITION DRAWINGS AND SPECIFICATIONS FOR REMOVAL REQUIREMENTS AND PROTECTION FENCING AROUND EXISTING VEGETATION.
11. REFER TO TREE PRESERVATION PLANS FOR SCHEDULE OF EXISTING TREES TO BE SAVED OR REMOVED.
12. REFER TO CIVIL PLANS FOR NEW UTILITY WORK. CONTRACTOR RESPONSIBLE FOR PATCH AND REPAIR OF ALL EXISTING LANDSCAPE AREAS DISTURBED BY CONSTRUCTION WORK UNDER THIS CONTRACT.
13. REFER TO PLANTING AND SEEDING SPECIFICATION FOR ADDITIONAL REQUIREMENTS, INCLUDING EXTENDED MAINTENANCE REQUIREMENTS.

PARKING LOT LANDSCAPE CALCULATION

89,646 SF	TOTAL PARKING LOT AREA PROPOSED (TOTAL SF LANDSCAPE + TOTAL SF PARKING)
4,482 SF	PARKING LOT LANDSCAPE REQUIRED TO MEET 5% MINIMUM
23,675 SF	TOTAL PARKING LOT LANDSCAPE AREA PROPOSED (23,675 / 89,646 = 26%)

SCALE: 1"=50'-0"

0' 25' 50' 100'

WEISMANDESIGNGROUP
LANDSCAPE ARCHITECTURE
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STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
NICHOLAS PAULHAGAN
CERTIFICATE NO. 753

Monroe School District
Park Place Middle School

1408 W Main St, Monroe, WA 98272

Date:	12.18.2015
Job No.:	21004.00
Drawn By:	TY
Checked by:	NH

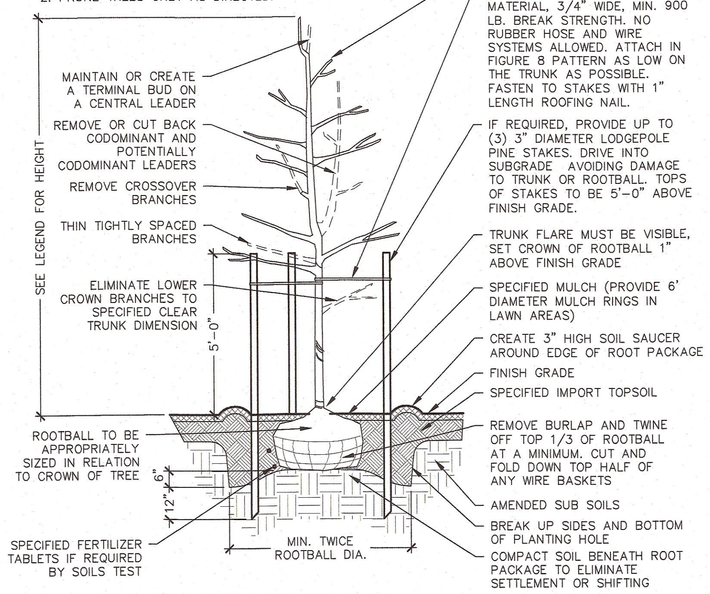
Revisions

#	Date	Description

OVERALL LANDSCAPE PLAN

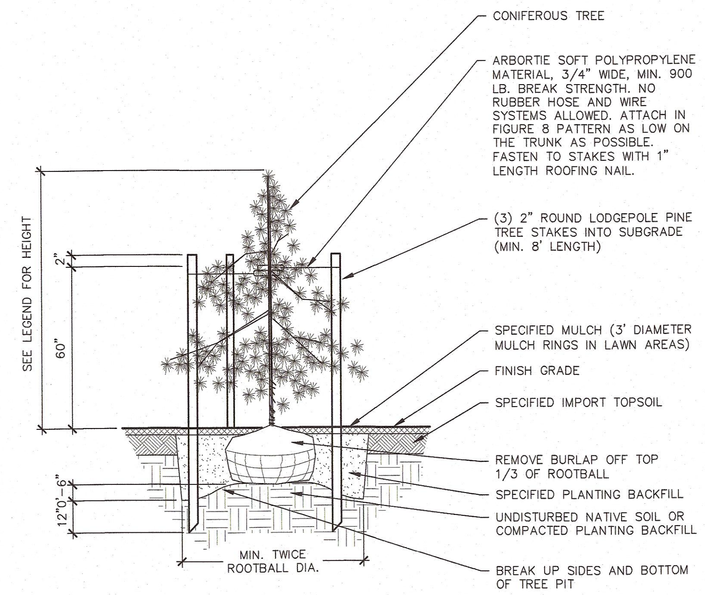
L-200

NOTES:
1. ALSO SEE GENERAL PLANTING NOTES, THIS SHEET.
2. PRUNE TREES ONLY AS DIRECTED.



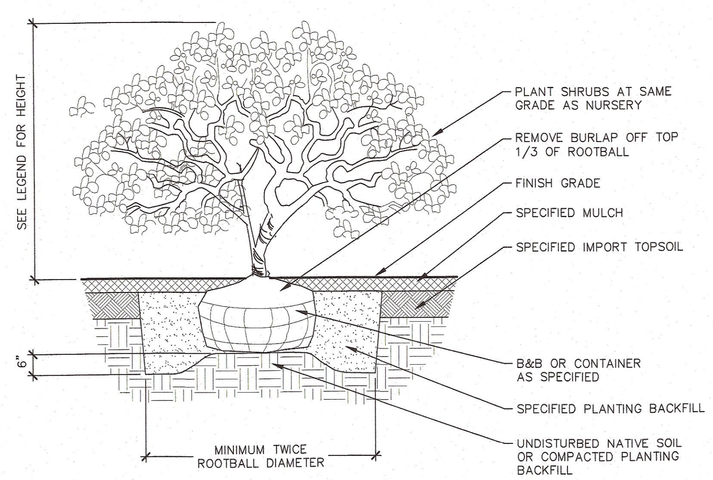
A DECIDUOUS TREE PLANTING

Scale: 3/8"=1'-0"



B CONIFEROUS TREE PLANTING

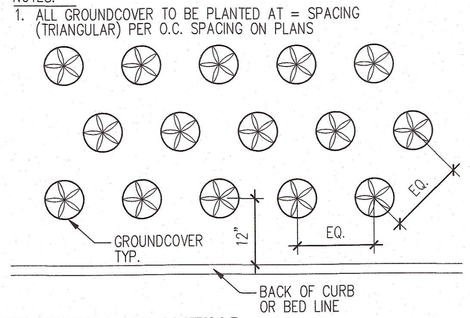
Scale: 3/8"=1'-0"



C SHRUB / GROUNDCOVER PLANTING

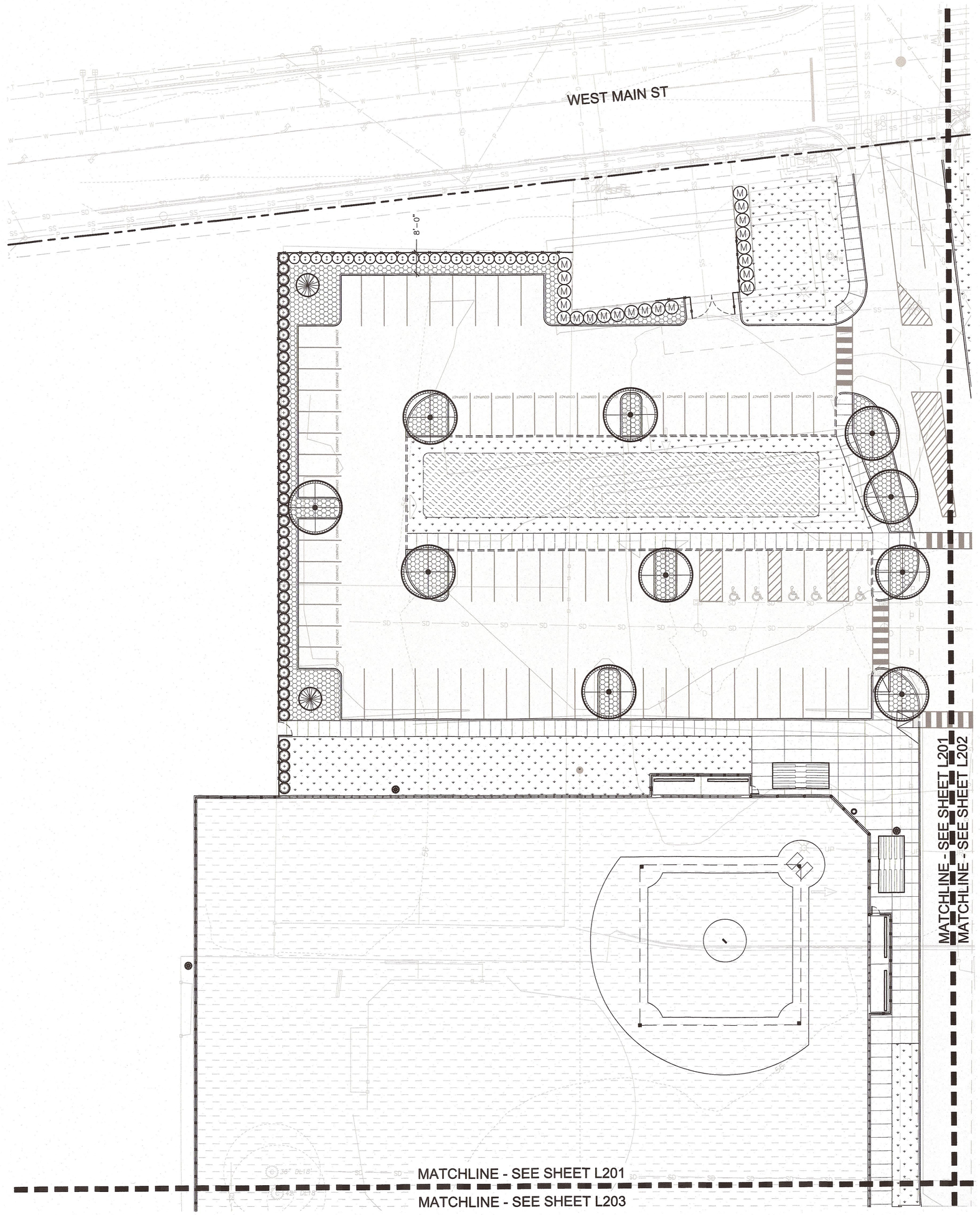
Scale: 1 1/2"=1'-0"

NOTES:
1. ALL GROUNDCOVER TO BE PLANTED AT = SPACING (TRIANGULAR) PER O.C. SPACING ON PLANS



D GROUNDCOVER PLANTING

Scale: NTS



SCALE: 1"=20'-0"
0' 10' 20' 40'

WEISMANDESIGNGROUP
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STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
NICHOLAS PAUL MAGAN
CERTIFICATE NO. 759

Monroe School District
Park Place Middle School

1408 W Main St, Monroe, WA 98272

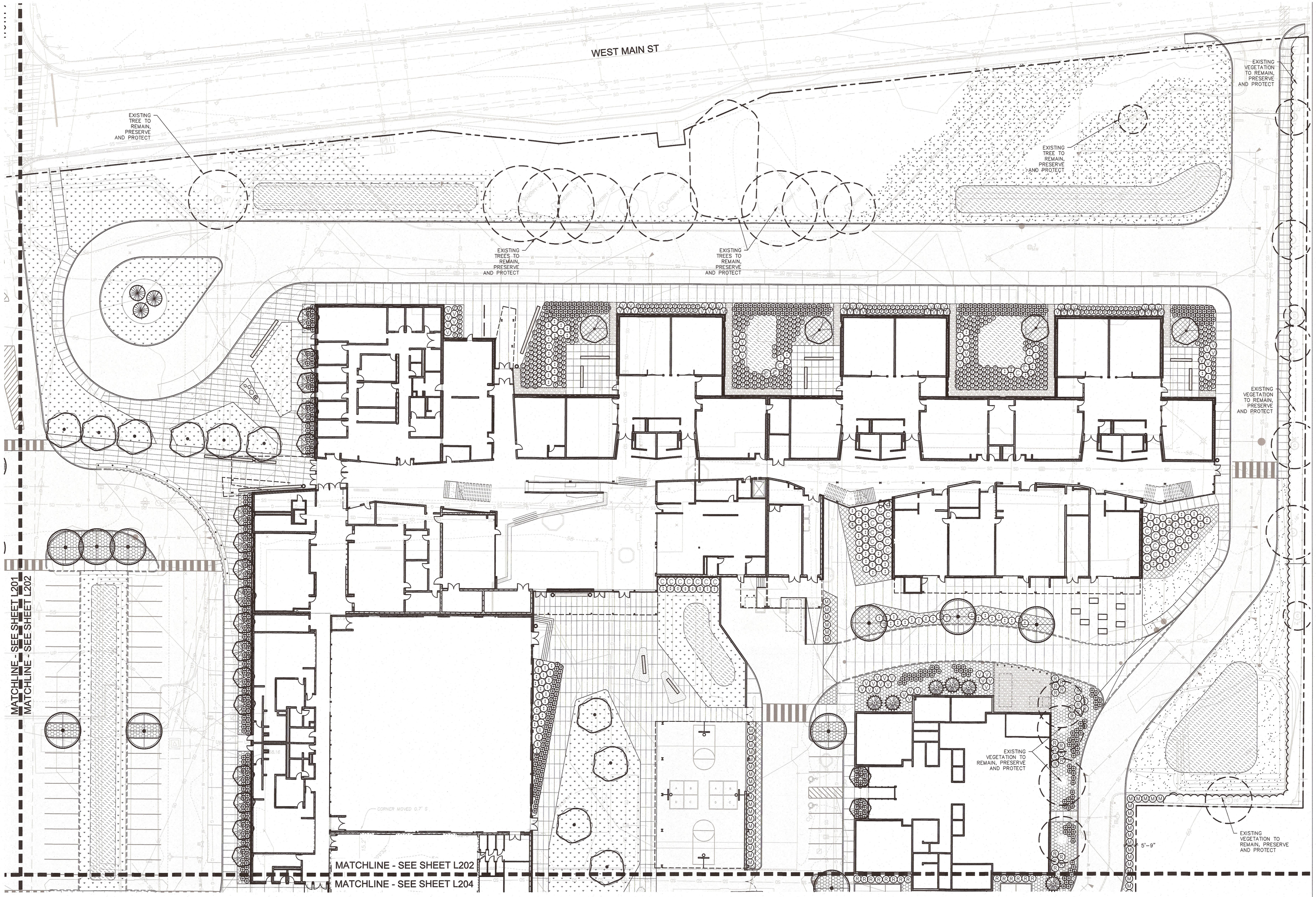
Date:	12.18.2015
Job No.:	21004.00
Drawn By:	TY
Checked by:	NH

Revisions

#	Date	Description

LANDSCAPE PLAN

L-201



SCALE: 1"=20'-0"

0' 10' 20' 40'

WEISMANDESIGNGROUP

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STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
NICHOLAS PAUL HAGAN
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Monroe School District
Park Place Middle School

1408 W Main St, Monroe, WA 98272

Date:	12.18.2015
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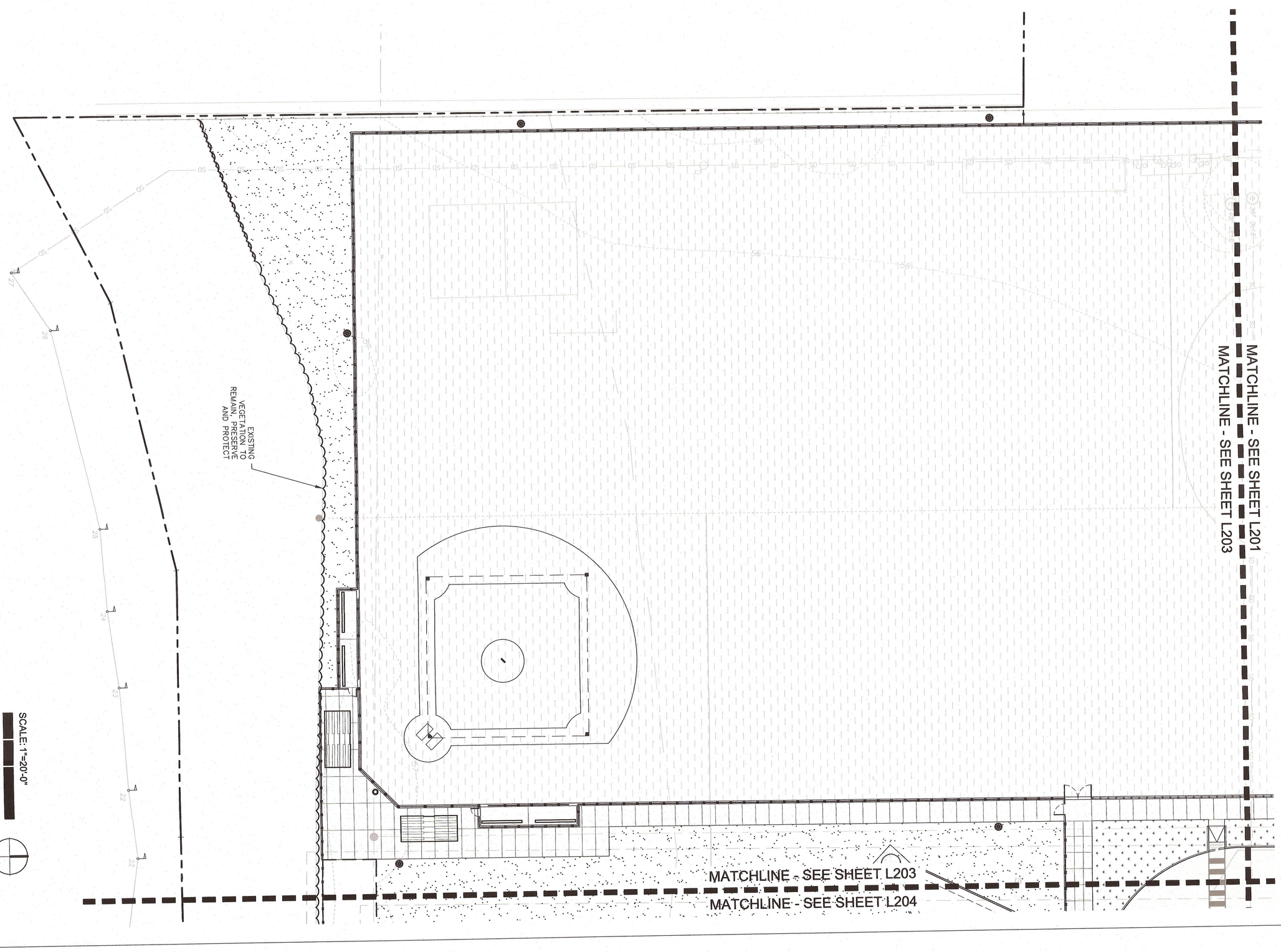
Revisions

#	Date	Description

LANDSCAPE PLAN

L-202



SCALE: 1"=20'-0"
0' 10' 20' 40'

WEISMANDESIGNGROUP
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70% CONSTRUCTION DOCUMENTS

L-203

LANDSCAPE PLAN

Revisions		
#	Date	Description

Date: 12.18.2015
Job No.: 21004.00
Drawn By: TY
Checked by: NH

Monroe School District
Park Place Middle School

1408 W Main St, Monroe, WA 98272

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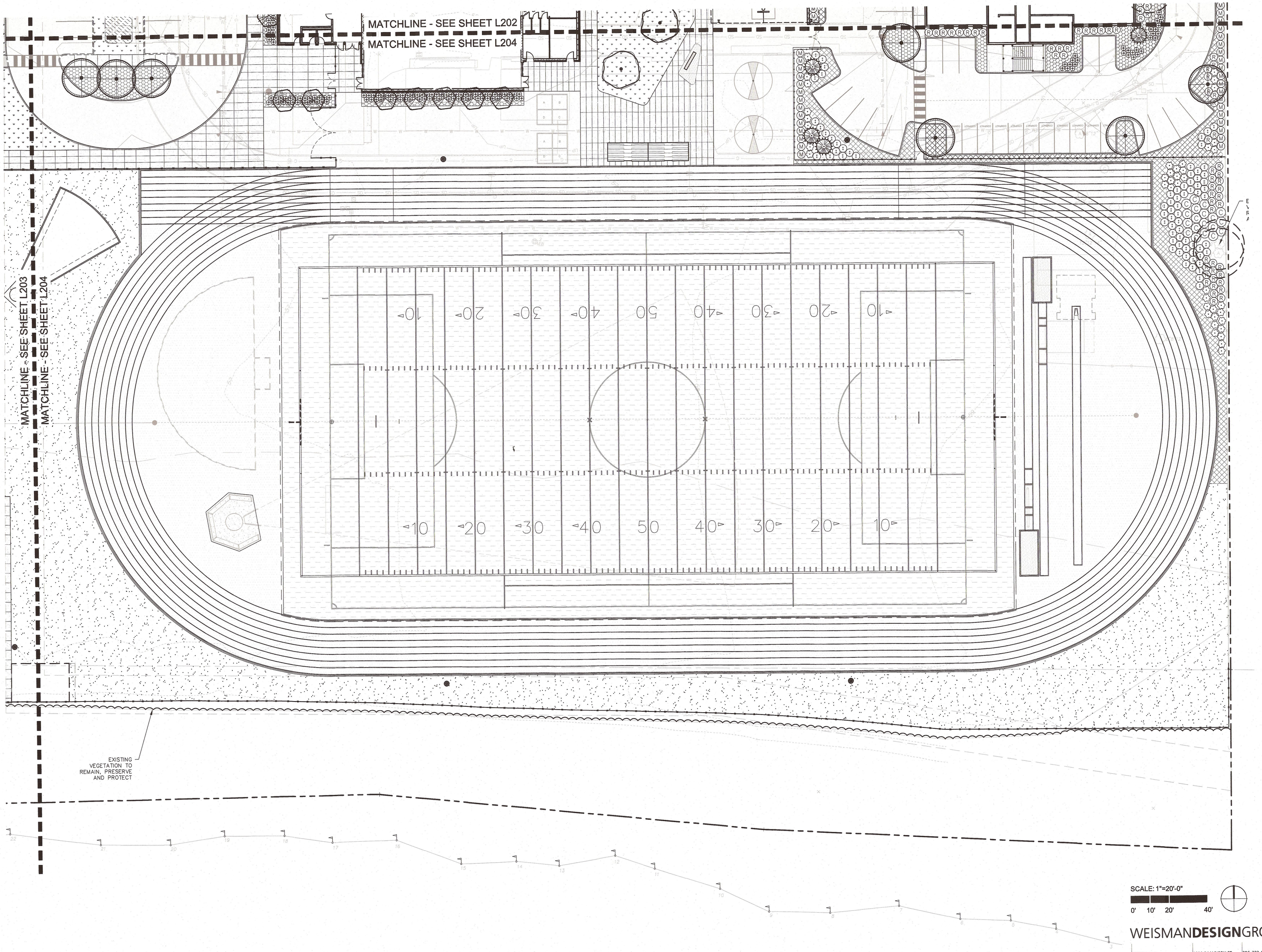

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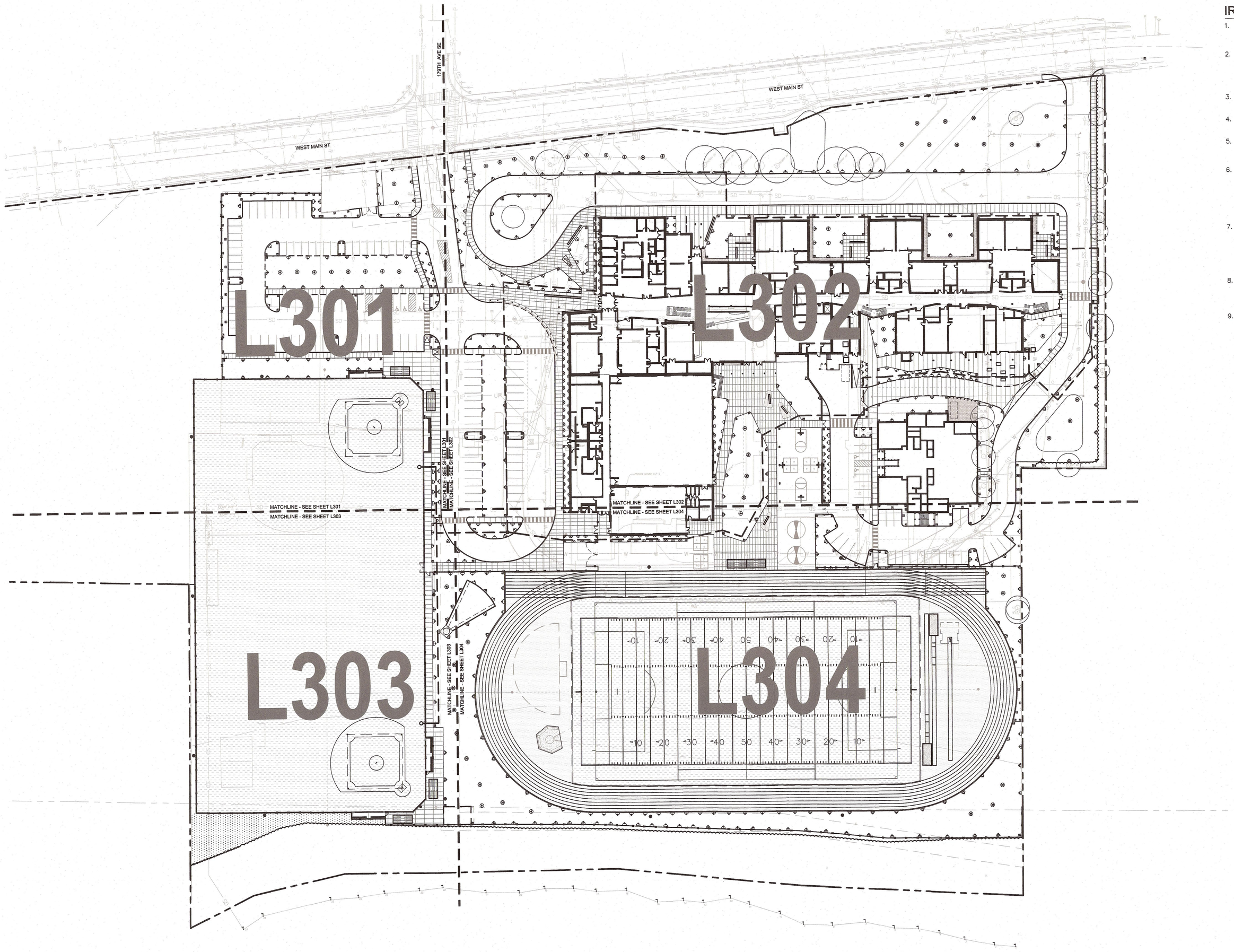
LANDSCAPE PLAN

L-204



IRRIGATION NOTES:

1. ADJUST ALL IRRIGATION HEADS TO PROVIDE MAXIMUM COVERAGE, MINIMUM OVERSPRAY, AND NO FOGGING. SET ALL HEADS BACK FROM CURBS, PAVING, AND WALLS.
2. LOCATION OF IRRIGATION MAINLINE, LATERALS, AND SLEEVING ARE SCHEMATIC ONLY, AND SHALL OCCUR IN PLANTING AREAS UNLESS SLEEVING IS SHOWN. IF SLEEVES ARE SHOWN THEY ARE TO BE STRAIGHT RUNS, TYP. MAKE MINOR CHANGES TO COORDINATE WITH ACTUAL AS-BUILT DIMENSIONS AND CONDITIONS.
3. VALVE BOXES SHALL BE LOCATED IN SHRUB PLANTING AREAS ONLY. LOCATE IN APPROXIMATE LOCATIONS AS SHOWN ON PLAN.
4. SEE CIVIL PLANS FOR LOCATION OF IRRIGATION STUB-OUT FROM __" METER.
5. ANTICIPATED AVAILABLE STATIC WATER PRESSURE IS +/- __ PSI, AS PROVIDED BY ____ ON ____. VERIFY EXACT PRESSURE AT POINT OF CONNECTION PRIOR TO START OF WORK.
6. THE IRRIGATION SYSTEM HAS BEEN DESIGNED WITH SEPARATE HYDROZONES ACCORDING TO THE NEEDS OF THE PLANT MATERIAL. THE IRRIGATION SYSTEM HAS BEEN DESIGNED TO PROVIDE A MINIMUM AVERAGE DISTRIBUTION UNIFORMITY OF 0.625. THE IRRIGATION SYSTEM HAS BEEN DESIGNED TO AVOID RUNOFF, LOW HEAD DRAINAGE, AND OVERSPRAY. AVOID IRRIGATION DURING TIMES OF HIGH WINDS, WHEN RAINING, OR DURING THE MIDDLE OF THE DAY.
7. LATERAL LINE PIPE SHALL BE SIZED PER THE FOLLOWING:
   0-6.9 GPM = 3/4" PIPE
   7-13.9 GPM = 1" PIPE
   14-23.9 GPM = 1-1/4" PIPE
   24-33.9 GPM = 1-1/2" PIPE
   34-56 GPM = 2" PIPE
8. WHERE IRRIGATION PIPING IS SHOWN ADJACENT OR UNDER EXISTING TREES, MAKE MINOR ROUTE ADJUSTMENTS TO AVOID TRENCHING THROUGH LARGE TREE ROOTS. REFER TO SPECIFICATION SECTION 02810 FOR FURTHER INSTRUCTIONS.
9. REFER TO IRRIGATION SPECIFICATION FOR ADDITIONAL REQUIREMENTS.

SCALE: 1"=50'-0"

0' 25' 50' 100'

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Park Place Middle School
1408 W Main St, Monroe, WA 98272

Date:	12.18.2015
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Revisions

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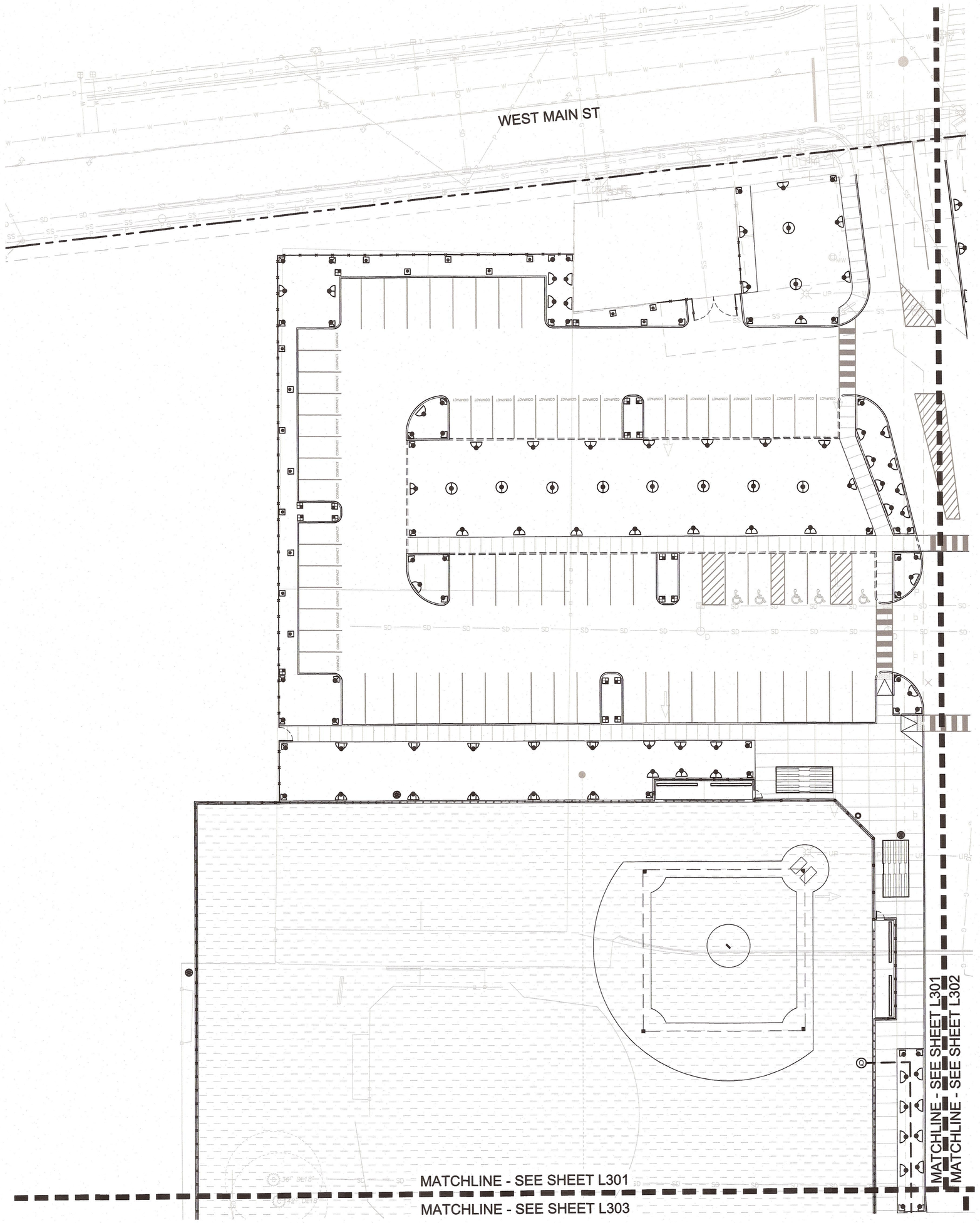
OVERALL IRRIGATION PLAN

L-300

IRRIGATION LEGEND (SYMBOLS SHOWN AT 1"=20'-0")

SYMBOL	ITEM	MANUFACTURER / CAT NO.	DESCRIPTION-REMARKS
C	CONTROLLER	RAINBIRD ESP-[24-48]-LXME	48 STATION CONTROLLER, WALL MOUNT INSIDE BUILDING IN LOCATION AS SHOWN ON PLAN. VERIFY WITH ARCHITECT. INSTALL PER DETAIL 'B', SHEET L-305.
R	AUTOMATIC RAIN SHUTOFF	RAINBIRD WR2-RFC	WIRELESS RAIN/FREEZE SENSOR WITH MOUNTING BRACKET, MOUNT ON ROOF PARAPET IN LOCATION SHOWN ON PLAN. OPERATION WILL BE TESTED AT PUNCH LIST REVIEW.
NO SYMBOL	CONTROL WIRES	#14 CONTROL AND SPARE WIRES, NO MULTI-STRAND.	SEE SPECIFICATIONS FOR DETAILED REQUIREMENTS.
M	IRRIGATION METER AND STUB-OUT		APPROXIMATE LOCATION, SEE CIVIL DRAWINGS.
	POINT OF CONNECTION		
	GATE / SHUTOFF VALVE	HAMMOND, NIBCO, WILKINS GATE VALVE (2"), OR APPROVED EQUAL.	200 PSI THREADED ENDS, BRONZE, SCREW IN BONNET, NON-RISING STEM, SOLID WEDGE, INSTALL PER DETAIL 'A', SHEET L-305.
	BACKFLOW PREVENTER	FEBCO 850U (2")	DOUBLE CHECK VALVE. INSTALL PER DETAIL 'A', SHEET L-305.
	STRAINER	WILKINS SXL CAST BRONZE 'Y' STRAINER (2")	INSTALL AT POINT OF CONNECTION AS PER DETAIL 'A', SHEET L-305.
	PRESSURE REDUCING VALVE	WILKINS 500-XL PRESSURE REDUCING VALVE (2")	INSTALL AT POINT OF CONNECTION AS PER DETAIL 'A', SHEET L-305.
	MANUAL DRAIN	CHAMPION 300RS-200 ANGLE VALVE (2")	INSTALL AT POINT OF CONNECTION AS PER DETAILS 'A' AND 'C', SHEET L-305.
	QUICK COUPLER	RAINBIRD #5RC 55K-1 KEY SH-2 SWIVEL HOSE ELL	INSTALL AT P.O.C. AND ELSEWHERE AS SHOWN ON PLAN, PER DETAILS 'A' AND 'E', SHEET L-305. PROVIDE (2) KEYS AND (2) ELLS.
	MASTER VALVE	RAINBIRD 200-GB-R SERIES VALVE (2")	BRASS NORMALLY CLOSED MASTER CONTROL VALVE. INSTALL AT P.O.C. ASSEMBLY PER DETAIL 'A', SHEET L-305.
	CONTROL VALVE	RAINBIRD XXX-PEB-PRS-D 100- (1"), 150- (1-1/2"), 200- (2")	PLASTIC CONTROL VALVE WITH PRESSURE REGULATING DIAL, INSTALL PER DETAIL 'G', SHEET L-305.
ZONE / SIZE / GPM	VALVE NUMBER VALVE SIZE GALLONS PER MINUTE	SEE ZONE SUMMARY	
	ISOLATION VALVE	HAMMOND, NIBCO, WILKINS BALL VALVE (2"), OR APPROVED EQUAL.	BRONZE BALL VALVE, INSTALL PER DETAIL 'D', SHEET L-305, SEE SPECIFICATIONS, SIZE TO MATCH MAINLINE SIZE.
NO SYMBOL	VALVE BOXES	SPECIFICATION GRADE (COMMERCIAL GRADE) VALVE BOXES AND EXTENSIONS.	SEE SPECIFICATIONS FOR DETAILED REQUIREMENTS.
	MAINLINE	PVC-SCHEDULE 40	2-1/2" MINIMUM SIZE UNLESS NOTED OTHERWISE, SEE SPECIFICATIONS FOR MINIMUM BURIAL DEPTH. SEE DETAILS 'F' AND 'I', SHEET L-305.
	LATERALS	PVC-CLASS 200	SIZE AS PER PLAN, 3/4" MINIMUM. UNLABELED PIPE SECTIONS TO MATCH THE LARGEST OF THE ADJACENT PIPES. UNLABELED PIPE AT THE END OF LATERAL RUNS TO BE 3/4". SEE SPECIFICATIONS FOR MINIMUM BURIAL DEPTH. SEE DETAIL 'F', SHEET L-305.
	SLEEVES	PVC-SCHEDULE 40	UNDERPAVEMENT SLEEVING, 4" DIAMETER UNLESS OTHERWISE INDICATED ON PLAN. TO BE INSTALLED BY LANDSCAPE CONTRACTOR AT DEPTHS SPECIFIED. SEE DETAIL 'F', SHEET L-305.
360 210 or 90	MP ROTATOR	PROS-06-PRS40-CV-MP3000-360, MP3000-210 or MP3000-90 (22'-30' RADIUS)	40 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
360 210 or 90	MP ROTATOR	PROS-06-PRS40-CV-MP2000-360, MP2000-210 or MP2000-90 (13'-21' RADIUS)	40 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
360 210 or 90	MP ROTATOR	PROS-06-PRS40-CV-MP1000-360, MP1000-210 or MP1000-90 (8'-15' RADIUS)	40 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
LCS RCS or SS	MP ROTATOR	PROS-06-PRS40-CV-MPLCS515, MPRCS515 or MPSS530	40 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
	MP ROTATOR	PROS-06-PRS40-CV-MPCORNER	40 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
	ROTOR HEAD	RAINBIRD 8005-PL-PC-SAM 6.6 gpm QUARTER - 08 NOZ (RADIUS= 49') 11.1 gpm HALF - 12 NOZ (RADIUS= 57') 11.1 gpm FULL - 12 NOZ (RADIUS= 57')	50 PSI POP UP ROTOR - WITH SEAL-A-MATIC CHECK VALVE. INSTALL PER DETAIL 'H', SHEET L-305.
	SPRAY HEAD	RAINBIRD 180X-SAM-PRS-15 SERIES HE-VAN (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
	SPRAY HEAD	RAINBIRD 180x-SAM-PRS-12 SERIES HE-VAN (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
	SPRAY HEAD	RAINBIRD 180x-SAM-PRS-10 SERIES HE-VAN (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
	SPRAY HEAD	RAINBIRD 180X-SAM-PRS-8 SERIES HE-VAN (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
5F 5H or 5Q	SPRAY HEAD	RAINBIRD 180X-SAM-PRS-5 SERIES MPR (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
SST EST LCS or RCS	SPRAY HEAD	RAINBIRD 180X-SAM-PRS-15 STRIP SERIES MPR (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
F H or Q	SPRAY HEAD	RAINBIRD SQ ADP 24 W/ SQ SERIES NOZZLE (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'H', SHEET L-305.
	TEMPORARY IRRIGATED AREAS		ABOVE GROUND LATERAL PIPING WITH ROTOR AND SPRAY SPRINKLER HEADS. INSTALL BATTERY POWERED CONTROL VALVE AT QUICK COUPLER LOCATIONS DURING PLANT ESTABLISHMENT PERIOD. AFTER ESTABLISHMENT PERIOD IS OVER, REPLACE VALVES WITH QUICK COUPLER ASSEMBLIES. REMOVE ALL TEMPORARY LATERAL PIPING AND SPRINKLERS FROM THE SITE AT THE END OF THE MAINTENANCE PERIOD. SEE SPECIFICATIONS FOR MORE INFORMATION.



SCALE: 1"=20'-0"
0' 10' 20' 40'

WEISMANDESIGNGROUP
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STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
NICHOLAS PAUL HAGAN
CERTIFICATE NO. 733

Monroe School District
Park Place Middle School
1408 W Main St, Monroe, WA 98272

Date:	12.18.2015
Job No.:	21004.00
Drawn By:	TY
Checked by:	NH

Revisions

#	Date	Description

IRRIGATION PLAN

L-301

WEST MAIN ST

SPARE WIRES

PROVIDE FOUR (4) TOTAL SPARE WIRES TO CONTROLLER. TWO (2) SPARES SHALL RUN ALONG SOUTH HALF OF SITE THROUGH EACH VALVE BOX AS SPECIFIED, AND TERMINATE AT ZONE #_____ AS SHOWN ON PLAN. TWO (2) SPARES SHALL RUN ALONG NORTH HALF OF SITE, AND TERMINATE ONE (1) AT ZONE #_____, AND ONE AT ZONE #_____ AS SHOWN ON PLAN.

CONTROLLER

LOCATE CONTROLLER INSIDE BUILDING IN MECHANICAL ROOM IN APPROXIMATE LOCATION SHOWN. VERIFY WITH ARCHITECT. WALL MOUNT CONTROLLER AT EYE LEVEL. PROVIDE SEPARATE 15 AMP CIRCUIT AND 120 VAC POWER TO CONTROLLER. PROVIDE 4" CONDUIT FROM CONTROLLER, UNDER SIDEWALK, AND INTO THE NEAREST PLANTING AREA AS SHOWN. EXTEND 24" INTO PLANTING BED, 18" BELOW GRADE. CAP AND FLAG.

WIRELESS RAIN SENSOR

MOUNT ON ROOF PARAPET IN APPROXIMATE LOCATION SHOWN. VERIFY EXACT LOCATION WITH ARCHITECT AND CONFIRM WIRELESS SIGNAL PRIOR TO INSTALLATION.

POINT OF CONNECTION

APPROXIMATE LOCATION OF P.O.C. TO 2-1/2" STUB-OUT FROM IRRIGATION SERVICE LINE AS SHOWN ON CIVIL DRAWINGS. VERIFY AND ADJUST LOCATION PRIOR TO INSTALLATION IF REQUIRED TO AVOID CONFLICTS WITH ADJACENT UTILITIES. PROVIDE P.O.C. COMPONENTS AS SHOWN IN POINT OF CONNECTION DETAIL. NOTIFY OWNER IMMEDIATELY OF ANY DISCREPANCIES. ANTICIPATED STATIC PRESSURE IS _____ PSI. VERIFY MIN. _____ PSI DESIGN FLOW AT P.O.C. PRIOR TO WORK.

C

R

M

EXISTING VEGETATION TO REMAIN, PRESERVE AND PROTECT

MATCHLINE - SEE SHEET L301

MATCHLINE - SEE SHEET L302

MATCHLINE - SEE SHEET L302

MATCHLINE - SEE SHEET L304

SCALE: 1"=20'-0"

0' 10' 20' 40'

WEISMANDESIGNGROUP

LANDSCAPE ARCHITECTURE

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Date:	12.18.2015
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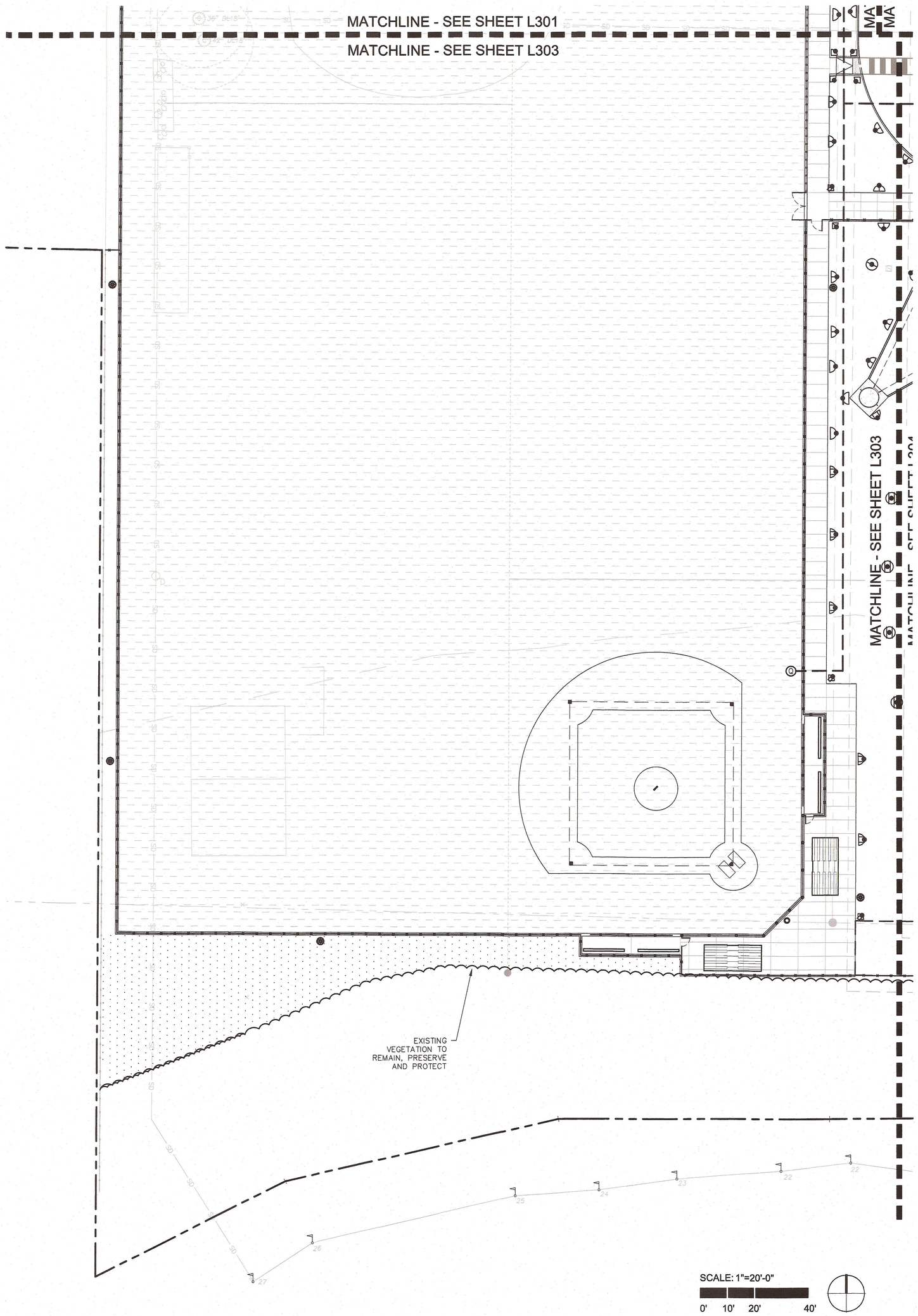
Revisions

#	Date	Description

IRRIGATION PLAN

L302



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Revisions

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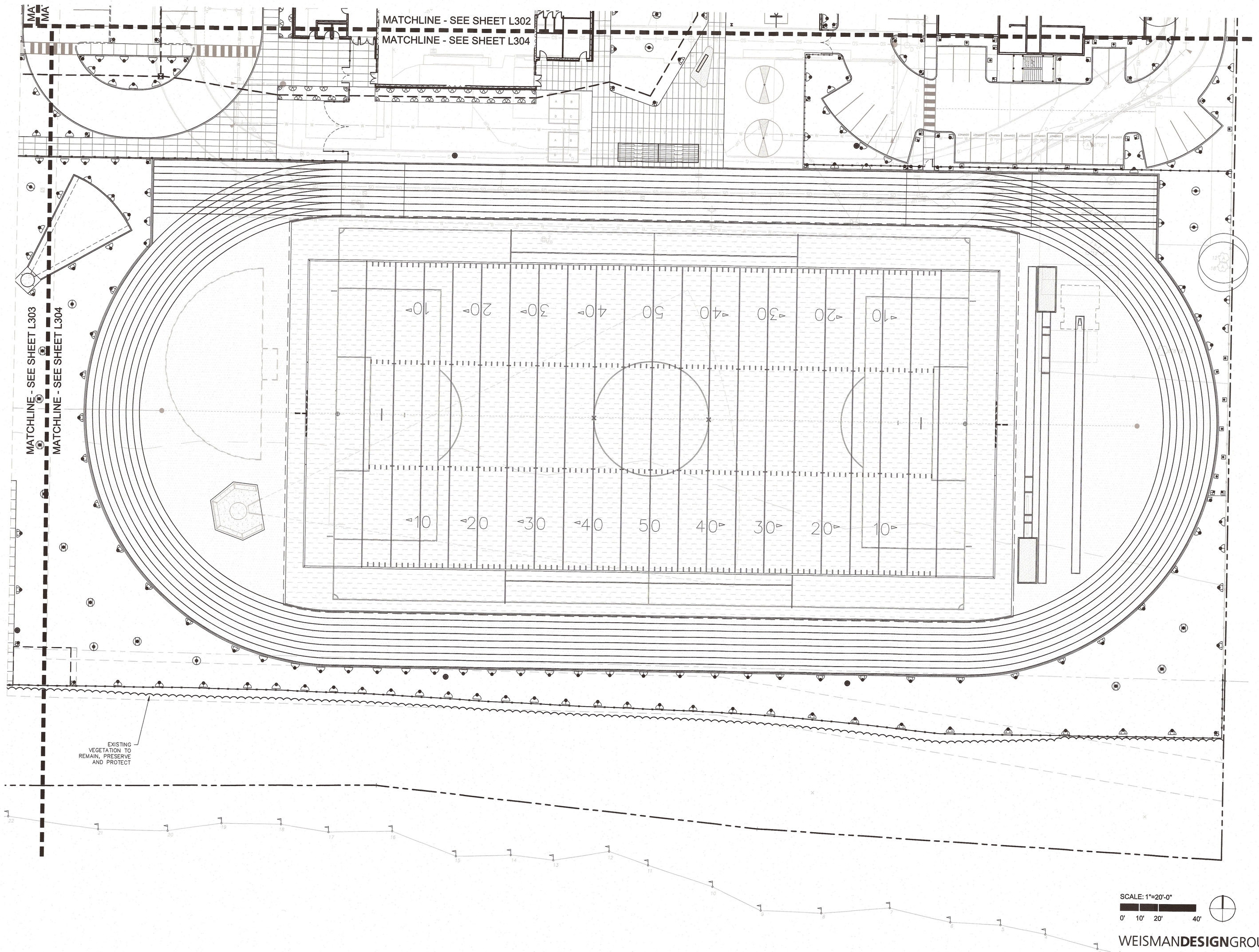
IRRIGATION PLAN

L-303



SCALE: 1"=20'-0"

0' 10' 20' 40'

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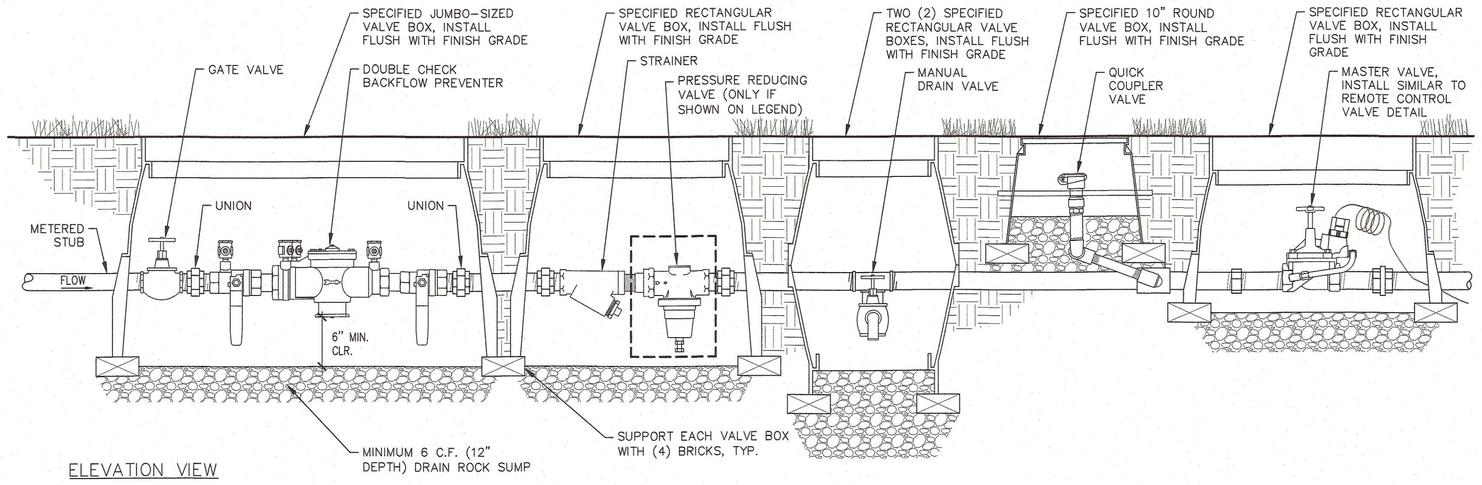
Date:	12.18.2015
Job No.:	21004.00
Drawn By:	TY
Checked by:	NH

Revisions

#	Date	Description

IRRIGATION PLAN

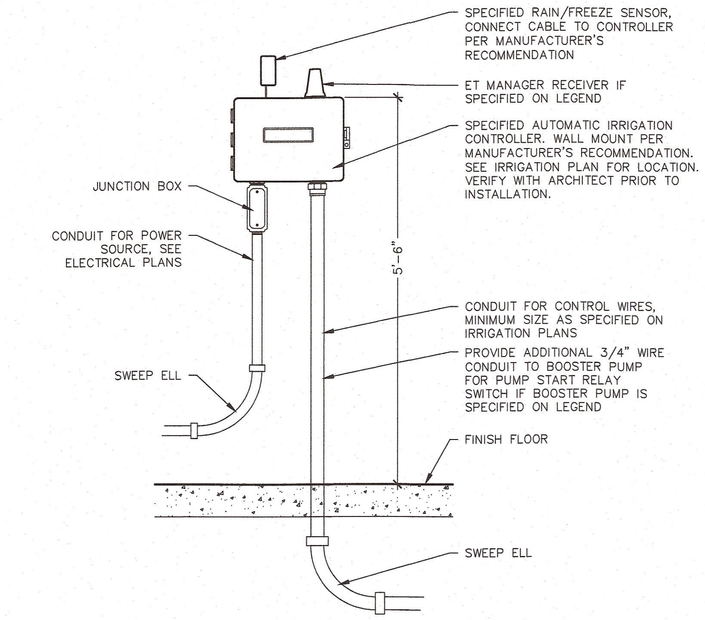
L-304



NOTES:
1. PROVIDE ONE QUICK COUPLER AT P.O.C. AND ELSEWHERE AS SHOWN ON PLAN.
2. INSURE POSITIVE DRAINAGE FROM P.O.C. COMPONENTS. PROVIDE DAYLIGHT DRAIN AS NECESSARY.
3. PROVIDE SIZE & QUANTITY OF VALVE BOXES AS NECESSARY TO ACCOMMODATE ALL COMPONENTS.

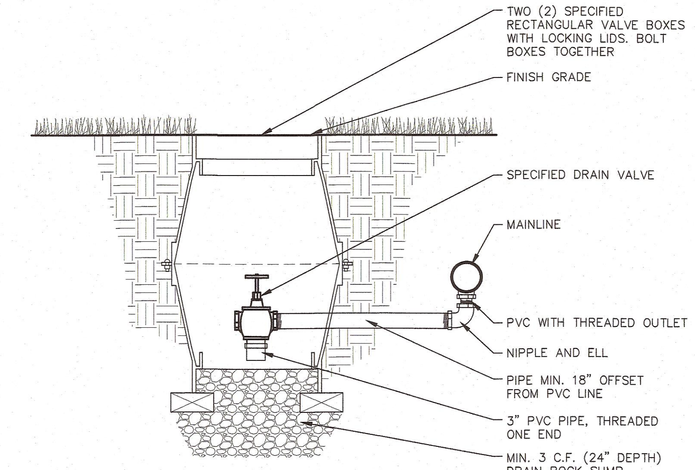
A POINT OF CONNECTION

Scale: 1 1/2"=1'-0"



B CONTROLLER

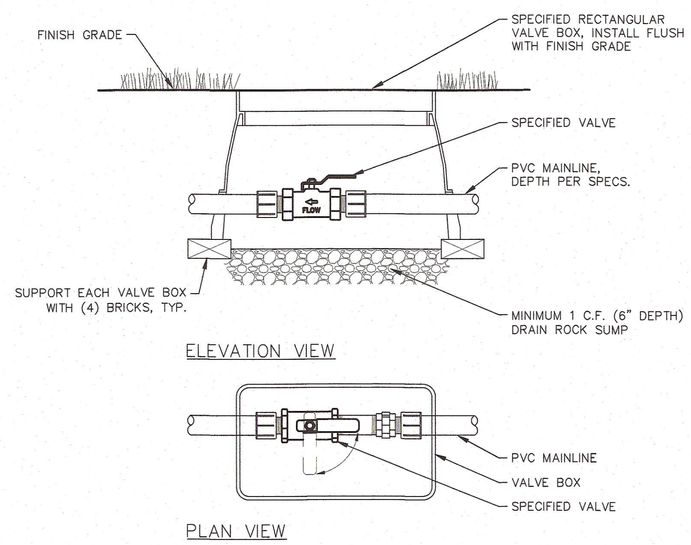
3/4"=1'-0"



NOTES:
1. ALL PIPE AND FITTINGS TO BE SAME DIA. AS I.P.S. FEMALE CONNECTION TO DRAIN VALVE.

C MANUAL DRAIN VALVE

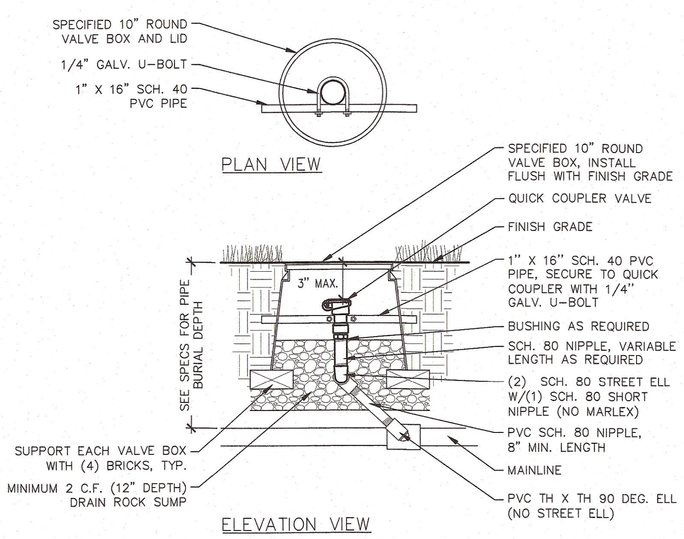
Scale: 1 1/2"=1'-0"



NOTES:
1. BOX TO BE INSTALLED AS TO ALLOW FOR PROPER OPERATION OF BALL VALVE. INSTALL AT RIGHT ANGLE TO HARDSCAPE EDGE, INSTALL VALVE OFF-CENTER IN BOX.
2. INSTALL VALVE BOX EXTENSIONS AS REQUIRED FOR PROPER VALVE INSTALLATION AT MAINLINE DEPTH.

D ISOLATION VALVE

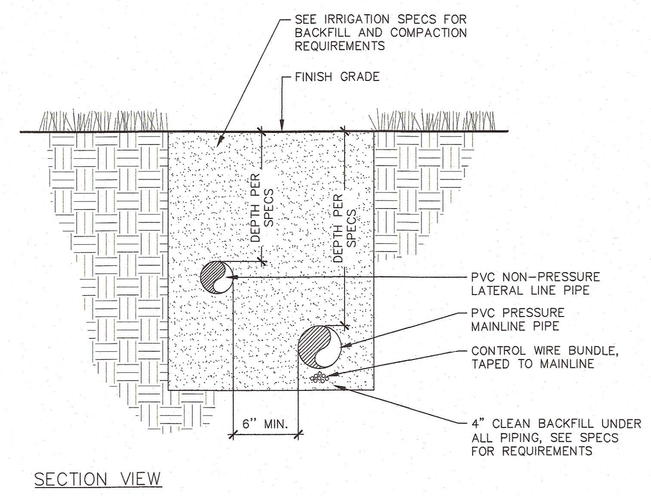
Scale: 1 1/2"=1'-0"



NOTES:
1. ALL THE FITTINGS AND PIPE TO BE SAME DIA. AS IPS FEMALE CONNECTION OF QUICK COUPLER.
2. QUICK COUPLER KEY MUST CLEAR VALVE BOX.

E QUICK COUPLER

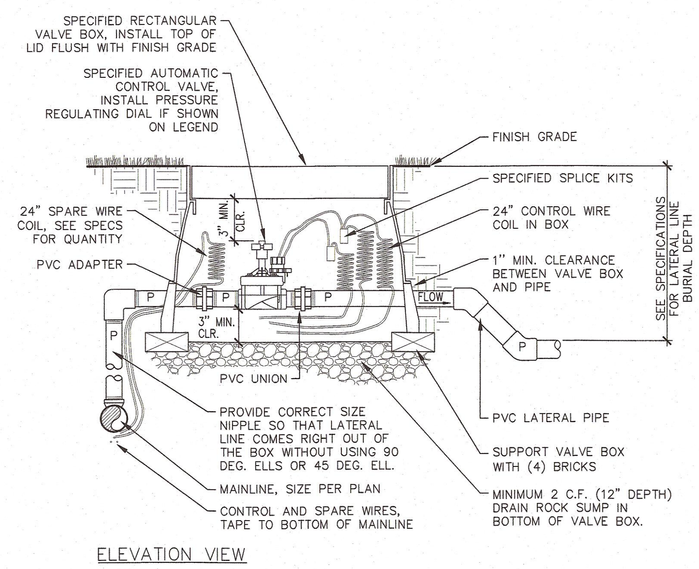
Scale: 1 1/2"=1'-0"



NOTES:
1. NO OTHER TRADES (ELECT. LIGHTING) ALLOWED TO USE SAME TRENCH AS IRRIGATION PIPE.
2. PROVIDE 24" COVER FOR DIRECT BURIAL CABLE.
3. PROVIDE PVC SCH. 40 SLEEVES FOR ALL WIRING AND PIPING UNDER PAVING.
4. NO STACKING (VERTICALLY) OF PIPES IN SAME TRENCH.

F TYPICAL TRENCH SECTION

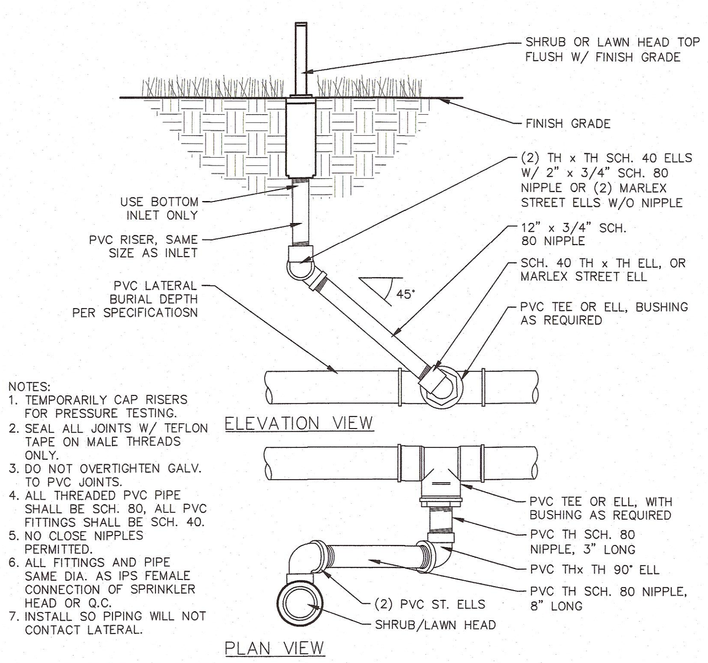
Scale: 1 1/2"=1'-0"



NOTE:
PROVIDE VALVE BOX EXTENSIONS AS REQUIRED.

G REMOTE CONTROL VALVE

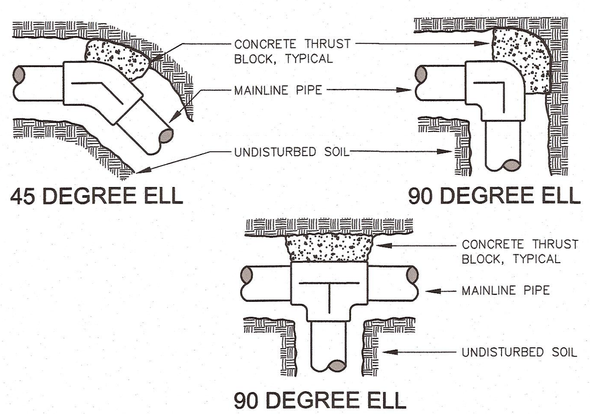
Scale: 1 1/2"=1'-0"



NOTES:
1. TEMPORARILY CAP RISERS FOR PRESSURE TESTING.
2. SEAL ALL JOINTS W/ TEFLON TAPE ON MALE THREADS ONLY.
3. DO NOT OVERTIGHTEN GALV. TO PVC JOINTS.
4. ALL THREADED PVC PIPE SHALL BE SCH. 80, ALL PVC FITTINGS SHALL BE SCH. 40.
5. NO CLOSE NIPPLES PERMITTED.
6. ALL FITTINGS AND PIPE SAME DIA. AS IPS FEMALE CONNECTION OF SPRINKLER HEAD OR Q.C.
7. INSTALL SO PIPING WILL NOT CONTACT LATERAL.

H IRRIGATION HEAD

Scale: 3"=1'-0"



THRUST BLOCKS

1. THRUST BLOCKS SHALL BE INSTALLED WHERE THE IRRIGATION MAIN AND LATERAL (2-1/2" AND LARGER). CHANGES DIRECTION, AS AT ELLS AND TEES AND THE IRRIGATION MAIN TERMINATES.
2. PRESSURE TESTS SHALL NO BE MADE FOR A PERIOD OF 36 TO 48 HOURS FOLLOWING THE COMPLETION OF POURING OF THE THRUST BLOCKS.
3. CONCRETE THRUST BLOCKS FOR THESE LINES SHALL BE SIZED AND PLACED AND SECURED IN STRICT ACCORDANCE WITH THE PIPE MANUFACTURER'S SPECIFICATIONS, AND SHALL BE OF AN ADEQUATE SIZE AND SO PLACED TO TAKE ALL THRUST CREATED BY THE MAXIMUM INTERNAL WATER PRESSURE.
4. THRUST BLOCKS SHALL BE 1 CUBIC FT OF CONCRETE MIN. PIPE SHALL NOT BE ENCASED IN CONCRETE.

I THRUST BLOCKING

NTS

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Revisions

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IRRIGATION DETAILS

L-305

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