SEC. 6 & 7, T. 35 N., R. 5 W., BOISE MERIDIAN

WINCO FOODS STORE NO. 128

CONSTRUCTION DOCUMENTS

LEWISTON, IDAHO

DRAFTING SYMBOLS:

XX-01 .....DETAIL NUMBER
XX-01 .....SHEET NUMBER DETAIL IS LOCATED ON

XX-A .....SECTION NUMBER
XX-01 .....SHEET NUMBER SECTION IS LOCATED ON

CONSTRUCTION KEY NOTE SYMBOLS:

X
XX
XX
X

TYPICAL ABBREVIATIONS:

&	AND	JB, J-BOX	JUNCTION BOX
∅	ANGLE	JT	JOINT TRENCH
±	APPROXIMATELY	kV	KILOVOLTS
@	AT	kW	KILOWATT
℄	CENTERLINE	KWH	KILOWATT HOURS
°	DEGREE		
=	EQUALS	MAX	MAXIMUM
'	FOOT	MFR	MANUFACTURER
>	GREATER THAN	MH	MANHOLE
"	INCH	MIN	MINIMUM, MINUTE
#	NUMBER	MISC	MISCELLANEOUS
%	PERCENT	MON	MONUMENT IN CASE
AC	ASPHALTIC CONCRETE	N	NORTH, NORTHING
ADD'L	ADDITIONAL	N/A	NOT APPLICABLE
ADJT	ADJACENT	NE	NORTHEAST
AFF	ABOVE FINISH FLOOR	NEMA	NATIONAL ELECTRICAL MANUFACTURES ASSOCIATION
AP	ANGLE POINT	NIC	NOT IN CONTRACT
APPROX	APPROXIMATE	NO, No	NUMBER
ARCH	ARCHITECT	NTS	NOT TO SCALE
ATB	ASPHALT TREATED BASE COURSE	NW	NORTHWEST
AVE	AVENUE		
BCR	BEGIN CURB RETURN	OC, oc	ON CENTER
BFV	BUTTERFLY VALVE	OD	OUTSIDE DIAMETER
BGS	BELOW GROUND SURFACE	OSHA	OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
BLK	BLOCK(S)		
BLDG	BUILDING		
BM	BENCHMARK	P	POWER, POWER VAULT
BVC	BEGIN VERTICAL CURB	PC	POINT OF CURVATURE
		PCC	POINT OF COMPOUND CURVE
C	CONDUIT	PED	PEDESTAL
CB	CATCH BASIN	PI	POINT OF INTERSECTION
CF	CUBIC FEET	℄	PROPERTY LINE
CIRC	CIRCUIT, CIRCULA(R, TION)	POC	POINT OF CONNECTION
CIP	CAST-IN-PLACE	PP	POWER POLE
CIP MON	CAST-IN-PLACE MONUMENT	PRC	POINT OF REVERSE CURVATURE
CJ	CENTER JOINT	PROP	PROPERTY
℄	CENTER LINE	PSE	PUGET SOUND ENERGY
CL	CROWNLINE	PSI	POUNDS PER SQUARE INCH
CLR	CLEAR	PT	POINT OF TANGENCY
CO	CLEANOUT	PVC	POINT OF VERTICAL CURVE
COMM	COMMUNICATION	PVI	POINT OF VERTICAL INTERSECTION
COMPT	COMPACTED	PVT	POINT OF VERTICAL TANGENT
CONC	CONCRETE	PVMT	PAVEMENT
CONST	CONSTRUCT	PWR	POWER
CONT	CONTINUE(, ED, OUS, ATION)	QTY	QUANTITY
COORD	COORDINATE		
CSBC	CRUSHED SURFACING BASE COURSE	R	RADIUS
CSTC	CRUSHED SURFACING TOP COURSE	RD	ROAD, ROADWAY
CULV	CULVERT	REF	REFERENCE
CU YD	CUBIC YARD	REINF	REINFORCE(, ED, ING, MENT)
		REQ'D	REQUIRED
D/W	DRIVEWAY	REV	REVISION
DEF	DEFLECTION	RIM	STRUCTURE RIM ELEVATION
DEG	DEGREE	RT	RIGHT
DEMO	DEMOLISH/DEMOLITION	R/W, ROW	RIGHT OF WAY
DIA	DIAMETER	S	SOUTH OR SLOPE
DIM	DIMENSION(S)	SCHED	SCHEDULE
DIP	DUCTILE IRON PIPE	SD, SDMH	STORM DRAIN, STORM DRAIN MANHOLE
DR	DRIVE	SE	SOUTHEAST
DWG(S)	DRAWING(S)	SECT	SECTION(S)
		SHT	SHEET
E	EAST OR ELECTRICAL	SP	SPRINKLER
EA	EACH	SQ	SQUARE
ECR	END CURB RETURN	SQ FT	SQUARE FEET
EHH	ELECTRICAL HANDHOLE	SQ IN	SQUARE INCH
EL, ELEV	ELEVATION	SS	SANITARY SEWER
ELEC	ELECTRIC(AL)	SSMH	SANITARY SEWER MANHOLE
ENGR	ENGINEER	ST	STREET
EOP	EDGE OF PAVEMENT	STA	STATION
EQ	EQUAL(LY)	STD	STANDARD
EQUIP	EQUIPMENT	STRUCT	STRUCTURE(AL, AL)
ESMT	EASEMENT	SW	SOUTHWEST
EVC	END VERTICAL CURVE	SYS	SYSTEM
EX, EXIST	EXISTING		
EXP	EXPANSION	T	TELEPHONE OR TELEPHONE VAULT
FDC	FIRE DEPARTMENT CONNECTION	TBD	TO BE DETERMINED
FDN	FOUNDATION	TBM	TEMPORARY BENCH MARK
FF	FINISH FLOOR	TC	TOP OF CURB ELEVATION
FG	FINISHED GRADE	TELE	TELEPHONE
FH	FIRE HYDRANT	TEMP	TEMPORARY
FIN	FINISH(ED)	TOW	TOP OF WALL
FL	FIRE LINE/FLANGE	TP, T/P	TOP OF PIPE
FT	FOOT/FEET	TYP	TYPICAL
		UDG	UNDERGROUND
G	GAS	VAP	VERTICAL ANGLE POINT
GALV	GALVANIZED	VC	VERTICAL CURVE
GRND	GROUND	VERT	VERTICAL
GV	GATE VALVE	VOL	VOLUME
HH	HANDHOLE	W	WEST, WIDTH, WIDE OR WATER
HORIZ	HORIZONTAL	W/	WITH
HT	HEIGHT	W/O	WITHOUT
		WM	WATER MAIN
IE	INVERT ELEVATION	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
IN	INCH		
		WV	WATER VALVE
		XFMR	TRANSFORMER

CITY OF LEWISTON TRENCHING SPECIFICATIONS:

1. PIPE BEDDING: MATERIAL SHALL BE 3/4" MINUS CRUSHED AGGREGATE (4" MAX. LIFT) PER ITD SPEC. 703.04 OR 5/8" MINUS CRUSHED AGGREGATE (4" MAX. LIFT) PER WSDOT SPEC. 9-03.9. MATERIAL SHALL BE COMPACTED TO 95% MAX. DRY DENSITY. TESTING FREQUENCY SHALL BE: ONE TEST PER LIFT EVERY 100 L.F.

2. 1ST FOOT OF FILL OVER PIPE: MATERIAL SHALL BE 3/4" MINUS CRUSHED AGGREGATE (4" MAX. LIFT) PER ITD SPEC. 703.04 OR 5/8" MINUS CRUSHED AGGREGATE (4" MAX. LIFT) PER WSDOT SPEC. 9-03.9. MATERIAL SHALL BE COMPACTED TO 95% MAX. DRY DENSITY. TESTING FREQUENCY SHALL BE: ONE TEST PER LIFT EVERY 100 L.F.

3. TRENCH BACKFILL UNDER ROAD OR SIDEWALK: 1ST FOOT OF FILL OVER PIPE: MATERIAL SHALL BE 3/4" MINUS CRUSHED AGGREGATE (4" MAX. LIFT) PER ITD SPEC. 703.04 OR 5/8" MINUS CRUSHED AGGREGATE (4" MAX. LIFT) PER WSDOT SPEC. 9-03.9. MATERIAL SHALL BE COMPACTED TO 95% MAX. DRY DENSITY. TESTING FREQUENCY SHALL BE: ONE TEST PER LIFT EVERY 100 L.F.

4. TRENCH BACKFILL UNDER PARKING LOT: SEE GEOTECHNICAL REPORT.

SCJ ALLIANCE GENERAL EROSION CONTROL NOTES:

1. EROSION CONTROL MEASURES ARE NOT LIMITED TO THE ITEMS ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES. NO SILTATION OF EXISTING OR PROPOSED DRAINAGE FACILITIES SHALL BE ALLOWED. CARE SHALL BE TAKEN TO PREVENT MIGRATION OF SILTS TO OFF-SITE PROPERTIES.

2. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE BEGINNING OF CONSTRUCTION AND THE REVIEWING AGENCY SHALL INSPECT AND APPROVE THE INSTALLATION OF EROSION CONTROL MEASURES PRIOR TO BEGINNING CONSTRUCTION.

   A. INSTALL INLET SEDIMENTATION AS SPECIFIED AT ALL CATCH BASIN LOCATIONS IMMEDIATELY UPON ARRIVAL AT PROJECT/CONSTRUCTION SITE.

3. ALL EROSION/SEDIMENTATION CONTROL FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL CONSTRUCTION IS COMPLETE AND THE SITE HAS BEEN STABILIZED. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE SYSTEM AS REQUIRED BY THE OWNER, ENGINEER, OR THE CITY OF LEWISTON.

4. THE CONTRACTOR SHALL MAKE A DAILY SURVEILLANCE OF ALL EROSION CONTROL MEASURES AND MAKE ANY NECESSARY REPAIRS OR ADDITIONS TO THE EROSION CONTROL MEASURES AS REQUIRED. THE CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS DETERMINED NECESSARY BY THE INSPECTOR AND/OR PROJECT ENGINEER. FAILURE TO COMPLY WITH ALL LOCAL AND STATE EROSION CONTROL REQUIREMENTS MAY RESULT IN CIVIL PENALTIES BEING LEVIED AGAINST THE CONTRACTOR.

5. PRIOR TO CLEARING AND GRADING THE CONTRACTOR SHALL PROTECT TREES TO BE SAVED WITH HIGH VISIBILITY FENCING AT THE ROOT PROTECTION DELINEATION OR OTHERWISE PROTECTED AS DIRECTED BY THE ENGINEER, CITY STAFF, OR OWNERS REPRESENTATIVE. CLEARING AND GRADING LIMITS SHALL BE STAKED IN THE FIELD PRIOR TO EXCAVATION.

6. ALL STORM DRAINAGE INLETS RECEIVING RUNOFF FROM THE PROJECT DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER WILL BE FILTERED BEFORE ENTERING THE CONVEYANCE SYSTEM.

7. ALL OFF-SITE CATCH BASINS IMMEDIATELY ADJACENT TO THE PROPOSED SITE SHALL BE PROTECTED FROM SILTATION.

8. THE CONSTRUCTION OF TRENCHES (E.G., PIPES, UNDERGROUND UTILITY LINES AND STRUCTURES) SHALL BE SUBJECT TO THE FOLLOWING CRITERIA:

   A. NO MORE THAN 300 FEET OF TRENCH ON A DOWNSLOPE OF MORE THAN FIVE PERCENT SHALL BE OPENED AT ONE TIME.

   B. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.

9. TRENCH DEWATERING DEVICES SHALL BE DISCHARGED IN A MANNER THAT WILL NOT ADVERSELY AFFECT STREAMS, DRAINAGE SYSTEMS, OR OFF-SITE PROPERTIES.

10. TRACKING OF SOIL, MUD, OR DEBRIS OFF-SITE IS NOT ALLOWED. SOIL, MUD, OR DEBRIS TRACKED ONTO A PUBLIC ROADWAY, SHALL BE REMOVED BY THE END OF THAT WORKING DAY. TO PREVENT THE TRACKING OF SOIL, MUD, OR DEBRIS ONTO PUBLIC ROADWAYS, SWEEPING OR WASHING OF THE VEHICLE'S TIRES MAY BE REQUIRED PRIOR TO ENTERING A PUBLIC ROADWAY.

11. ALL DISTURBED AREAS SHALL BE HYDROSEEDED WITH EROSION CONTROL SEED MIX. INCLUDING BUT NOT LIMITED TO ROADWAY EMBANKMENTS, SHOULDERS, UTILITY EASEMENTS, STAGING AREAS, CONSTRUCTED WETLANDS AND CUT/FILL SLOPES.

12. ALL SEEDED OR SODDED AREAS SHALL BE CHECKED REGULARLY TO ENSURE VEGETATIVE COVERAGE IS COMPLETE. AREAS SHALL BE REPAIRED, RESEEDED, AND FERTILIZED AS REQUIRED.

13. DROP-IN CATCH BASIN FILTERS MAY BE USED IN PLACE OF OTHER STANDARD INLET PROTECTION PRACTICES. THIS INLET PROTECTION TECHNOLOGY CAN BE USED IN SITUATIONS WHERE RIGHT-OF-WAY FLOODING WOULD BE PROBLEMATIC.

14. TO MAINTAIN FUNCTION, THE CONTRACTOR SHALL REMOVE AND CLEAN OR REPLACE FILTERS AFTER EACH STORM EVENT. CONTACT THE JURISDICTION TO DETERMINE ITS ACCEPTANCE OF SPECIFIC FILTER PRODUCTS, PRIOR TO INSTALLATION.

15. NO MATERIAL SHALL BE STOCKPILED ON PAVEMENT WITHOUT AUTHORIZATION FROM THE PROJECT ENGINEER OR OWNER'S REPRESENTATIVE WHICH WILL BE CONDITIONAL ON IMPLEMENTATION OF A PROCEDURE TO PREVENT SEDIMENT TRANSPORT.

16. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED OR AFTER THE MEASURES ARE NO LONGER NEEDED. SEDIMENT COLLECTED IN TRAPS, PONDS, OR SILT FENCE SHALL BE REMOVED AND DISPOSED IN AN APPROVED MANNER OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM SEDIMENT REMOVAL SHALL BE PERMANENTLY STABILIZED WITHIN SEVEN (7) DAYS.

CITY OF LEWISTON WATER LINE MATERIALS SPECIFICATIONS:

1. DUCTILE IRON PIPE SHALL BE PUSH-ON GASKETED PIPE CONFORMING TO AWWA C151, CENTRIFUGALLY CAST OF 60-42-10 IRON. PRESSURE CLASS SHALL BE 350 UNLESS OTHERWISE SPECIFIED. THE PIPE SHALL BE CEMENT-MORTAR LINED IN ACCORDANCE WITH AWWA C104. ALL JOINTS SHALL BE FABRICATED IN COMPLIANCE WITH AWWA C111. GASKETS SHALL BE INSTALLED BY THE PIPE MANUFACTURER. JOINT RESTRAINT FOR MECHANICAL JOINT PIPE BELLS SHALL BE THE US PIPE MJ FIELD LOK GASKET OR AMERICAN FAST-GRIP GASKET. THE RESTRAINT SYSTEM SHALL BE COMPLETELY INTEGRAL TO THE GASKET, REQUIRING ONLY STANDARD MECHANICAL JOINT ASSEMBLY TECHNIQUES.

2. PVC PIPE SHALL BE PUSH-ON GASKETED PIPE CONFORMING TO AWWA C900, CONSTRUCTED OF MATERIAL CONFORMING TO ASTM D 1784. PRESSURE CLASS SHALL BE 150 UNLESS OTHERWISE SPECIFIED. ALL JOINTS SHALL BE GASKETED IN COMPLIANCE WITH ASTM D 3139 WITH ELASTOMERIC SEALS CONFORMING TO ASTM F477. GASKETS SHALL BE INSTALLED BY THE PIPE MANUFACTURER.

3. MECHANICAL JOINT FITTINGS SHALL CONFORM TO AWWA C153 AND C111. FITTINGS SHALL BE CEMENT-LINED AND SEAL-COATED IN ACCORDANCE WITH AWWA C104. UNLESS OTHERWISE INDICATED BY THE PLANS OR DIRECTED BY THE ENGINEER, ALL MECHANICAL JOINTS 12" AND SMALLER SHALL BE EQUIPPED WITH GRIPRING (ROMAC INDUSTRIES), MJ FIELD LOK (US PIPE), OR ALLGRIP/PVCGRIP (STAR PIPE) RING-TYPE GRIPPING RESTRAINTS. MECHANICAL JOINT RESTRAINTS SHALL BE OF A TYPE COMPATIBLE WITH THE PIPE MATERIAL. WHERE INDICATED BY THE PLANS OR DIRECTED BY THE ENGINEER, MECHANICAL JOINTS LARGER THAN 12" SHALL BE EQUIPPED WITH ROMAGRIP (ROMAC INDUSTRIES), MEGALUG (EBAA IRON), STARGRIP (STAR PIPE), OR UNIFLANGE SERIES 1400/1500 (FORD METER BOX) RADIAL-WEDGE TYPE MECHANICAL JOINT RESTRAINTS. MECHANICAL JOINT RESTRAINTS SHALL BE OF A TYPE COMPATIBLE WITH THE PIPE MATERIAL. FLANGED FITTINGS SHALL CONFORM TO AWWA C153 AND SHALL BE FACED AND DRILLED IN ACCORDANCE WITH ANSI CLASS 125 #16.1. FITTINGS SHALL BE CEMENT-LINED AND SEAL-COATED IN ACCORDANCE WITH AWWA C104. GASKETS AND BOLTS FOR FLANGED JOINTS SHALL CONFORM TO THE REQUIREMENTS OF AWWA C207. GASKET SHALL BE CLOTH-INSERTED 1/8" THICK SHEET RUBBER, FULLY CUT WITH HOLES TO PASS BOLTS.

4. GATE VALVES SHALL BE MADE FOR FLANGED, MECHANICAL, OR PUSH-ON JOINTS AS SPECIFIED BY THE PLANS AND SHALL CONFORM TO THE SPECIFICATIONS OF AWWA C509 OR C515. ALL GATE VALVES SHALL BE DESIGNED FOR A 200 PSI MINIMUM WORKING PRESSURE UNLESS OTHERWISE SPECIFIED, AND SHALL OPEN COUNTERCLOCKWISE WITH A 2 INCH SQUARE OPERATING NUT. GATES VALVES SHALL BE RESILIENT-SEATED, WITH A NON-RISING STEM, AND SHALL BE COATED INSIDE AND OUTSIDE IN ACCORDANCE WITH AWWA C550.
   BUTTERFLY VALVES SHALL BE MADE FOR FLANGED, MECHANICAL, OR PUSH-ON JOINTS AS SPECIFIED BY THE PLANS AND SHALL CONFORM TO THE SPECIFICATIONS OF AWWA C-504 FOR CLASS 150B SERVICE AND SHALL OPEN COUNTERCLOCKWISE WITH A 2 INCH SQUARE OPERATING NUT AND POSITION INDICATOR. ALL BUTTERFLY VALVES SHALL BE CONSTRUCTED OF CAST IRON WITH RUBBER VALVE SEATS, AND SHALL BE COATED INSIDE AND OUTSIDE IN ACCORDANCE WITH AWWA C550.

5. VALVE BOXES SHALL BE TWO-PIECE EXTENSION TYPE WITH LENGTHS AS SPECIFIED BY THE PLANS, CONSTRUCTED OF CAST IRON WITH CAST IRON COVER. VALVE BOXES SHALL HAVE WALLS NOT LESS THAN THREE-SIXTEENTH (3/16) INCH THICK AT ANY POINT, AND THE INTERNAL DIAMETER SHALL BE NOT LESS THAN FIVE (5) INCHES. VALVE BOX COVERS SHALL HAVE THE WORD "WATER" CAST INTO THEM.

6. LOCATING WIRE SHALL BE INSULATED COPPER, MINIMUM SIZE 12 GAUGE AWG-THHN SOLID COPPER, AND USED IN MINIMUM 500 FOOT ROLLS. ALL SPLICES SHALL BE ENCASED IN AN EPOXY SPLICE KIT.

7. MARKING TAPE SHALL CONSIST OF INERT BLUE POLYETHYLENE PLASTIC THAT IS IMPERVIOUS TO ALL KNOWN ALKALIS, ACIDS, CHEMICAL REAGENTS, AND SOLVENTS LIKELY TO BE ENCOUNTERED IN THE SOIL. THE TAPE SHALL BE COLOR CODED AND SHALL BE IMPRINTED CONTINUOUSLY OVER ITS ENTIRE LENGTH IN PERMANENT BLACK INK. THE MESSAGE SHALL CONVEY THE TYPE OF LINE BURIED BELOW AND SHALL ALSO HAVE THE WORD "CAUTION" PROMINENTLY SHOWN. THE WIDTH OF THE TAPE SHALL BE AS RECOMMENDED BY THE MANUFACTURER FOR THE DEPTH OF INSTALLATION.

8. FIRE HYDRANTS SHALL BE NOMINAL 5-1/4 INCH MAIN VALVE OPENING IN CONFORMANCE WITH AWWA C502, WITH 4.5 FOOT BURY DEPTH UNLESS OTHERWISE INDICATED BY THE PLANS. HYDRANTS SHALL HAVE BRONZE CONSTRUCTED VALVE PLATE, SEAT RING AND DRAIN RING, AND PROVIDE A 6 INCH MECHANICAL JOINT CONNECTION. EACH HYDRANT SHALL BE PROVIDE TWO 2-1/2 INCH HOSE NOZZLES AND ONE 4-1/2 INCH PUMPER NOZZLE. NOZZLE THREADS SHALL BE AMERICAN NATIONAL STANDARD. OPERATING NUT SHALL BE 1-1/2 INCH NATIONAL STANDARD PENTAGON NUT. THE MAIN VALVE SHALL BE EQUIPPED WITH O-RING SEALS AND SHALL OPEN WHEN TURNED COUNTERCLOCKWISE. HYDRANTS SHALL BE OF THE BREAK-FLANGE OR SAFETY-TOP TYPE. FIRE HYDRANTS SHALL BE MUELLER SUPER CENTURION, WATEROUS PACER (WITH 16" UPPER STANDPIPE), OR CLOW MEDALLION. HYDRANTS SHALL BE EQUIPPED WITH A HARRINGTON STORZ ADAPTER (4 ½" NH X 5" STORZ) AND BLIND CAP (5" STORZ) WITH CHAIN AT THE 4 ½" PUMPER NOZZLE.

CITY OF LEWISTON GENERAL NOTES FOR STORMWATER SYSTEMS:

1. ALL WORK SHALL CONFORM TO CURRENT IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC) SPECIFICATIONS AND THE CITY OF LEWISTON STANDARDS AND SPECIFICATIONS. IN THE CASE OF CONFLICT, CITY STANDARDS SHALL PREVAIL. THE "LEWISTON STORMWATER POLICY AND DESIGN MANUAL DEFINES THE POLICIES, MINIMUM STANDARDS, REQUIREMENTS, AND PROCEDURES FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF PRIVATE STORMWATER SYSTEMS.

2. ANY REPAIR, MAINTENANCE OR ALTERATION OF A PUBLIC STORM LINE OR DRAINAGE MUST BE APPROVED BY CITY ENGINEER.

3. THE CONTRACTOR MUST SECURE APPROVAL FROM THE CITY ENGINEER PRIOR TO ADDING OR REMOVING FILL BACKFILL OVER PUBLIC STORM DRAIN MAINLINE.

4. THE ENGINEERING INSPECTOR SHALL BE NOTIFIED AT LEAST FOURTY-EIGHT (48) HOURS PRIOR TO COMMENCING WORK ON STORM DRAINS.

5. ALL PUBLIC STORM DRAIN LINES SHALL BE VIDEOTAPED AND SUBMITTED TO THE PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO PAVING. CITY SHALL HAVE FOURTY-EIGHT (48) HOURS FOR REVIEW.

6. ALL MANHOLES AND CATCH BASINS SHALL BE INSPECTED TWICE BY THE ENGINEERING INSPECTOR – ONCE PRIOR TO BACKFILL AND THEN PRIOR TO ACCEPTANCE OF IMPROVEMENTS. CALL (208) 791-8453 OR 746-1316 FOR INSPECTION SCHEDULING.

7. CLOSED CONDUITS (OR PIPELINES) FOR STORMWATER CONVEYANCE IN THE CITY'S STORMWATER SYSTEM MUST BE A MINIMUM OF 12 INCH DIAMETER. THE PIPE MATERIAL MAY BE PLASTIC, STEEL, REINFORCED CONCRETE OR AN APPROVED MATERIAL BUT MUST MEET CITY 605.02 SPECIFICATIONS IF PART OF THE CITY'S STORMWATER SYSTEM.

8. MINIMUM PIPE SLOPE SHALL BE 0.5% AND MINIMUM DESIGN VELOCITY WHEN FLOWING FULL SHALL BE NOT LESS THAN 2 FEET PER SECOND AND MAXIMUM VELOCITY SHOULD NOT BE MORE THAN 8 FEET PER SECOND.

9. JUNCTIONS OF 3 OR MORE PIPES, CHANGES IN ALIGNMENT, SLOPE AND/OR CHANGES IN PIPE DIAMETER SHALL BE MADE ONLY AT CATCH BASINS OR MANHOLES.

10. STEEP SLOPE INSTALLATION SHALL BE INSTALLED AS PER MANUFACTURES PIPE SPECIFICATIONS.

11. MANHOLE SHALL BE INSTALLED AT THE END OF EACH LINE, AT ALL CHANGE IN SIZE OR ALIGNMENT, AT DISTANCE NOT GREATER THAN 350 FEET OR AT CITY ENGINEER'S REQUIRED SPACING. ALL OTHER CHANGES IN SPACING MUST HAVE WRITTEN APPROVAL FROM PUBLIC WORKS DEPARTMENT.

12. LOCATING WIRE SHALL BE INSTALLED WITH ALL PUBLIC STORM PIPE INSTALLATIONS. SEE CITY DWG1-8, "IDENTIFYING TAPE DETAIL".

13. CATCH BASINS AND MANHOLES SHALL BE ACCESSIBLE TO VEHICLES AND EQUIPMENT FOR MAINTENANCE AND BE WITHIN RIGHT-OF-WAY OR A MINIMUM EASEMENT WIDTH OF 20 FEET. PROPOSED ACCESS ROUTE MUST BE APPROVED BY CITY ENGINEER. MAINTENANCE ACCESS ROUTES THAT DO NOT FOLLOW THE STORMLINE MUST HAVE A MINIMUM 12' EASEMENT.

SCJ ALLIANCE GENERAL CONSTRUCTION NOTES:

1. ALL WORK, WORKMANSHIP AND MATERIALS FOR THIS PROJECT SHALL MEET OR EXCEED THE MOST CURRENT VERSION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION AND THE CITY OF LEWISTON CONSTRUCTION STANDARD DRAWINGS.

2. ALL GOVERNMENTAL SAFETY REGULATIONS SHALL BE STRICTLY ADHERED TO INCLUDING OSHA.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DULY NOTIFY THE CITY IN ADVANCE OF THE COMMENCEMENT OF ANY AUTHORIZED WORK AND TO SCHEDULE REQUIRED INSPECTIONS. ANY REQUIRED INSPECTION TEST WILL BE PERFORMED AT THE CONTRACTOR'S EXPENSE.

4. THE APPROVAL OF THESE PLANS BY THE CITY OF LEWISTON DOES NOT RELIEVE THE CONTRACTOR OR DEVELOPER OF THE RESPONSIBILITY TO COMPLY WITH THE REQUIREMENTS OF OTHER GOVERNING AGENCIES.

5. CAUTION - NOTICE TO CONTRACTOR
   THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON THE PROJECT SURVEY AND OTHER RECORDS OF UTILITIES. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CALL 1-800-342-1585 48 HOURS PRIOR TO PLANNED EXCAVATIONS.

6. THE DESIGN SHOWN IS BASED UPON THE ENGINEER'S UNDERSTANDING OF THE EXISTING CONDITIONS. THE EXISTING CONDITIONS SHOWN ON THIS PLAN SHEET ARE BASED UPON COMPILED SURVEY DATA. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIELD CONDITIONS PRIOR TO BIDDING THE PROPOSED WORK IMPROVEMENTS. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE.

7. EXISTING UTILITIES ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY EXACT LOCATION, DIA, LENGTH, CONDITION, PIPE TYPE, SLOPE AND VERTICAL AND HORIZONTAL ALIGNMENT OF THE EXISTING ALIGNMENT OF THE PROPOSED POINTS OF CONNECTION PRIOR TO CONNECTION AND REPORT ANY DISCREPANCIES TO ENGINEER PRIOR TO CONSTRUCTION.

8. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY LOCAL, STATE, AND FEDERAL APPROVALS AND PERMITS.

9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A COPY OF THE APPROVED PLANS, SPECIFICATIONS, AND CONTRACT DOCUMENTS AT THE CONSTRUCTION SITE AT ALL TIMES.

10. THE CONTRACTOR SHALL PROVIDE SLOPE PROTECTION FOR SLOPES OF 5:1 OR GREATER ACCORDING TO AGC STANDARD GUIDELINES AND BEST MANAGEMENT PRACTICES (BMP'S).

11. CONSTRUCTION SIGNING AND TRAFFIC CONTROL SHALL BE PER THE CURRENT COPY OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

12. ALL VEHICLES AND EQUIPMENT SHALL BE KEPT WITHIN THE WORK AREAS ESTABLISHED FOR THAT WORK SHIFT UNLESS TRAVELING TO OR FROM THE SITE. UNDER NO CIRCUMSTANCES SHALL VEHICLES BE PARKED OR EQUIPMENT BE STORED OUTSIDE OF THESE AREAS.

13. OTHER CONSTRUCTION PROJECTS MAY OCCUR NEAR THE PROJECT SITE AND MAY BE IN PROGRESS CONCURRENT WITH THE PROJECT. THE CONTRACTOR SHALL COOPERATE AS NECESSARY AND NOT INTERFERE OR HINDER THE PROGRESS OR COMPLETION OF WORK BEING PERFORMED BY OTHER CONTRACTORS.

14. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK SHOWN ON THESE DRAWINGS AND TO OBTAIN ACCEPTANCE BY THE CITY OF LEWISTON AND THE PROJECT OWNER.

15. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL "PRE CONSTRUCTION" STATE OR BETTER.

16. DRIVEWAY ACCESS AND UTILITY SERVICE TO EXISTING HOMES AND BUSINESSES SHALL BE MAINTAINED AT ALL TIMES.

CITY OF LEWISTON GENERAL NOTES FOR CATCH BASINS:

1. ALL UNITS TO MEET OR EXCEED THE REQUIREMENTS OF ASTM C478/AASHTO M199.

2. ALL CURB INLET STRUCTURES SHALL HAVE A MINIMUM 12" SUMP WITH THREE 1 1/2" DIA. WEEP HOLES IN BASE AND MINIMUM OF 12" OF COMPACTED 5/8" MINUS UNDER BASE; CRUSHED AGGREGATE MATERIAL COMPACTED TO 95%MR MODIFIED PROCTOR AS PER AASHTO T180

3. A CATCH BASIN SHALL BE INSTALLED UPHILL TO EACH INTERSECTION CORNER RADIUS AND SPACED NO MORE THAN 400 FEET ALONG THE LENGTH OF THE STREET OR AT CITY ENGINEER'S REQUIRED SPACING. ADJUSTMENTS TO SPACING SHALL REQUIRE CALCULATIONS TO VERIFY THE CHANGES HAVE MET CITY SPECIFICATIONS.

4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM.

5. ALL PIPES SHALL BE FLUSH WITH BASIN WALL AND SHALL BE MORTARED ALL AROUND.

6. USE CITY STD DWG NO. 6-7 FOR CATCH BASIN FRAME AND GRATE.

7. REDUCTION SLAB, RISERS, AND FRAME & GRATE SHALL NOT BE MORE THAN ONE INCH OUT OF VERTICAL ALIGNMENT WITH CATCH BASIN BASE.

8. MAXIMUM DEPTH FROM FINISHED GRADE TO PIPE INVERT IS 5 FEET.

9. USE A MINIMUM OF 1/2" NON-SHRINK GROUT BETWEEN RISERS, BASE, AND FRAME.

10. CURB INLET TO BE PLACED WITHIN A TOLERANCE OF 1/2" HORIZONTAL ALIGNMENT FROM CURB LINE.

11. SET GRATE 1" LOWER THAN PROPOSED FLOWLINE TO ENSURE POSITIVE DRAINAGE INTO CATCH BASIN. CURB FLOWLINE SHALL BE TRANSITION TO 3' ON EACH SIDE OF THE CATCH BASIN TO ADJUST FOR 1" DROP. GUTTER LIP AND TOP OF CURB ARE NOT TO BE DEPRESSED.

SCJ ALLIANCE STANDARD FIRE DEPARTMENT COMMENTS:

FIRE DEPARMENT ACCESS

1. Approved numbers and/or letters shall be placed on all buildings to be visible from the street, color contrasting to background. Address posting is required on building. Fire Department access and on all rear doors. IFC 505.1
   "12 inches high X 1 ½" stroke when over 50 feet from access"

2. All required access roadways shall be completed to a minimum width of 20 feet, capable of supporting 78,000 lbs. with an all-weather surface, to within 150 feet of all stockpiles and all sides of building prior to Fire Department approval of a building permit. Access roadways to be posted "NO STOPPING/FIRE LANE" (see IFC D103.6 for sign specifications) and shall not be used for the storage of materials. IFC 501.4, 503.4

3. FIRE LANE" signs are required to be installed along interior access roadways where vehicle parking would encroach on the required 20 foot clear width of roadway (see IFC D103.6 for sign specifications). IFC 503.3

4. Due to the limited width of on-site roadways, it is required that no trees or high-growing shrubs shall be closer than 6' from any of the required access roadways and shall be maintained clear up to 13'6". IFC 503.2.1

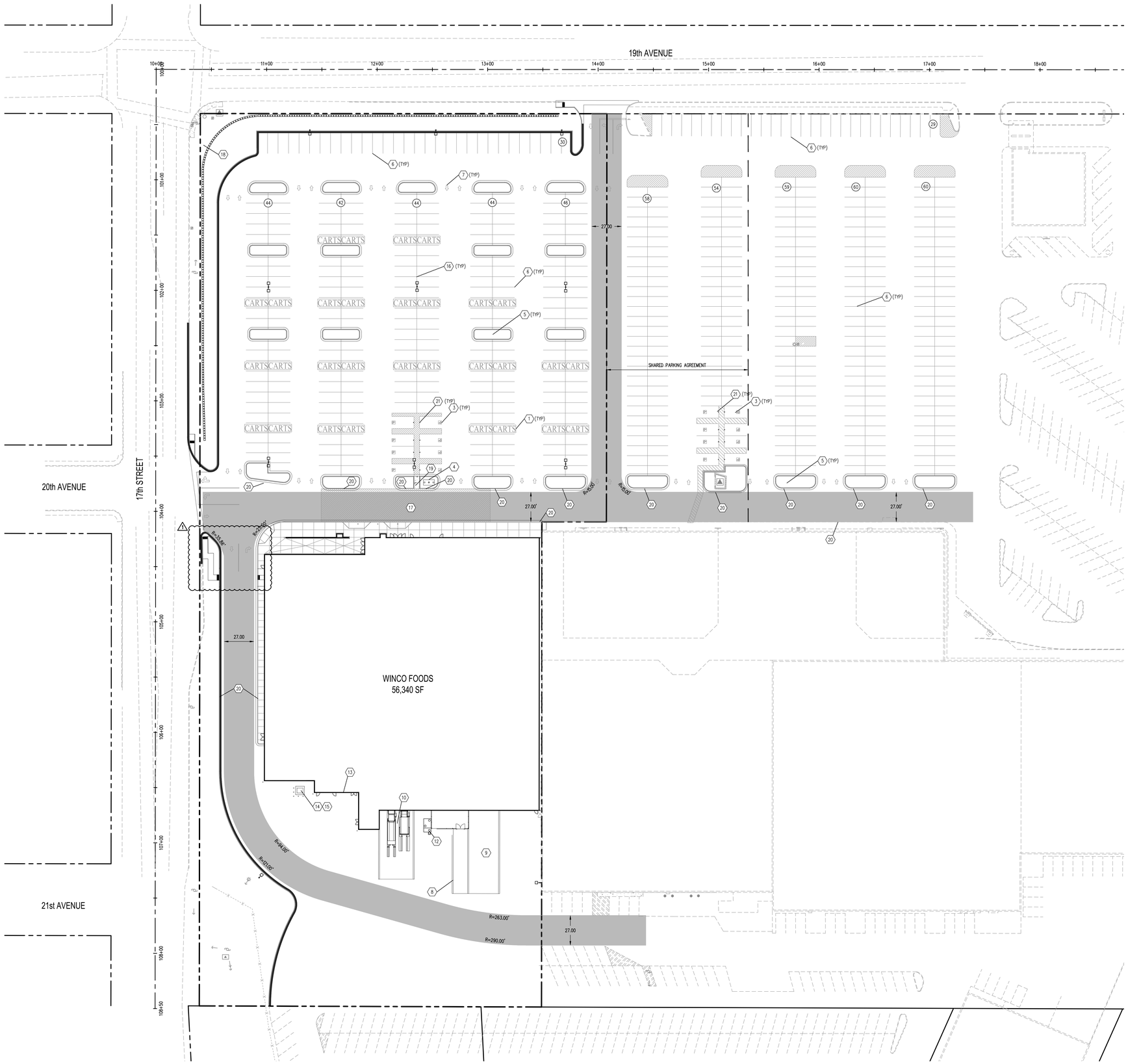
5. This project requires 2 emergency key box (es) in a location approved by the Fire Department. Key box shall be required five feet above the ground (floor) level, readily visible and not more than 5 feet from the main entry to the premises. Additional key boxes shall be provided adjacent to exterior rear room entry doors where said doors are more than 50 feet from the main entrance and/or the rear room is not located on the same side of the structure as the main front entry. All tenant keys shall conform to a master key system. Master keys shall be permanently tagged and labeled. IFC 506. Begin application process for Knox Box with the Fire Department prior to building permit being issued. The following keys shall be provided in the Knox Box:
   (grand master key and fire alarm cabinet key)

6. Where a fire sprinkler system is to be installed, the Fire Department Connection (FDC) and Post Indicator Valve (PIV) locations must be indicated on the architectural and/or civil drawings.

GENERAL FIRE PROTECTION SYSTEM REQUIREMENTS

1. Notice to Contractors –Installation of Fire Services Mains, Fire Sprinkler Systems, Fire Alarm Systems or other Fire Protection Systems is not allowed prior to plan approval by the Lewiston Fire Department and subsequent permit issuance from the City of Lewiston Building Department. Fire Sprinkler Systems must be approved by the Idaho State Fire Marshal's Office prior to being submit

SEC. 6 & 7, T. 35 N., R. 5 W., BOISE MERIDIAN



N

0 30 60
SCALE IN FEET

LEGEND

- PROPERTY LINE
- PROPOSED BUILDING
- HANDICAP PARKING
- CROSSWALK
- FIRE LANE
- SPILL CURB & GUTTER SEE PV-02
- CATCH CURB & GUTTER SEE PV-02
- STANDARD CURB SEE PV-02
- (8) STALL COUNT
- RETAINING WALL

(XX) CONSTRUCTION NOTES:

1. CART CORRALS: PROVIDED AND INSTALLED BY OWNER
2. NOT USED
3. ACCESSIBLE PARKING SYMBOL: SEE PV-02
4. 35' FLAG POLE: APPROVED BY WINCO
5. LANDSCAPE ISLAND (TYP): SEE LANDSCAPE AND IRRIGATION PLANS
6. 90° PARKING LOT STRIPING: SEE PV-02
7. TRAFFIC ARROW (TYP): SEE PV-02
8. SCREEN WALL: SEE BUILDING PLANS
9. LOADING DOCKS: SEE BUILDING PLANS
10. DRY AND WET COMPACTORS: SEE BUILDING PLANS
11. NOT USED
12. GREASE INTERCEPTOR: SEE BUILDING PLANS
13. BUILDING MOUNTED FIRE DEPARTMENT CONNECTION: SEE BUILDING PLANS
14. TRANSFORMER AND PAD: SEE BUILDING PLANS
15. PIPE BOLLARDS (TYP): SEE BUILDING PLANS
16. SITE LIGHTING: SEE BUILDING PLANS
17. CROSSWALK MARKING: SEE BUILDING PLANS
18. RETAINING WALL: SEE CG SHEETS
19. AT GRADE CONCRETE SIDEWALK CROSSING THROUGH PLANTER ISLAND SEE PV-02
20. CURBS ALONG FIRE LANES SHALL BE PAINTED WITH RED TRAFFIC PAINT. THE WORDS "NO PARKING FIRE LANE" SHALL APPEAR IN 4" WHITE LETTERS AT 25' INTERVALS
21. ADA PARKING SIGNAGE: SEE BUILDING PLANS

GENERAL NOTE:

1. SEE HC-01 FOR DIMENSIONING AND HORIZONTAL CONTROL.
2. CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS AND SUBMIT TO THE CITY OF LEWISTON FOR APPROVAL PRIOR TO BEGINNING ANY WORK WITHIN THE PUBLIC RIGHT OF WAY.

PARKING ANALYSIS	
REQUIRED STALLS	231
EXISTING STALLS	391
PROPOSED STALLS	362

BENCHMARK

PK NAIL LOCATED NEAR THE SW CORNER OF BUILDING, AS IDENTIFIED ON SHEET 2 OF ALTA SURVEY BY KM ENGINEERING, OCT. 4, 2013 (NAVD 88 DATUM)

BASIS OF BEARING

BASIS OF BEARING IS THE ALTA/ACSM SURVEY FOR THE LEWISTON CENTER PARTNERSHIP BY DANIEL L. HAYHURST, PLS 9365 DATED AUGUST 17, 1999.

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 811 OR 1-800-342-1585 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

REVISIONS

1 ON-SITE CCD 001 XX/XX/XX

PROJECT NO.	1816.04
DRAWN	L HURTADO
CHECKED	B JOHNSON
SUBMITTAL DATES	1/27/14
OTB DATE	02/10/14

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PROFESSIONAL ENGINEER LICENSE NO. 13904 STATE OF IDAHO BRANDON L. JOHNSON

WINCO STORE NO. 128
S.E.C. 19TH AVE. & 17TH ST.
LEWISTON, IDAHO 83501

WinCo FOODS

SHEET TITLE
SITE PLAN

SHEET
SP-01

Wed 01 Jan 4:43:17pm - Ian Hurtado
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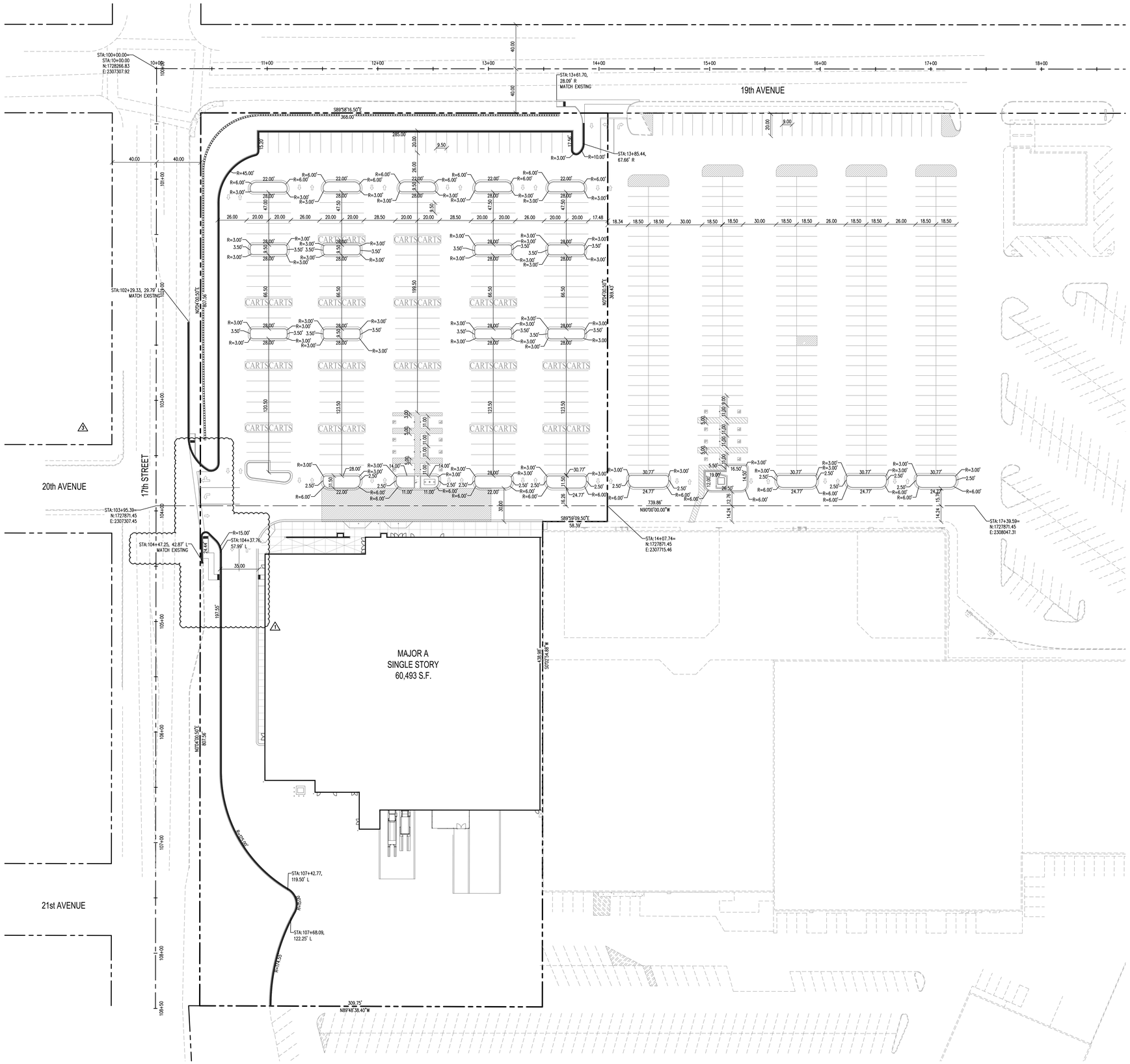
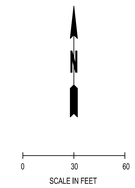
SEC. 6 & 7, T. 35 N., R. 5 W., BOISE MERIDIAN





LEGEND

- PROPERTY LINE
- PROPOSED BUILDING
- CROSSWALK

GENERAL NOTES:

1. ALL DIMENSIONS ARE TO FACE OF CURB.
2. SEE SP-01 FOR FIRE LANE DIMENSIONS.

BENCHMARK

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REVISIONS

1 ON-SITE CCD 001
XX/XX/XX

PROJECT NO.
1816.04

DRAWN
L HURTADO

CHECKED
B JOHNSON

SUBMITTAL DATES
1/27/14

OTB DATE
02/10/14

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PROFESSIONAL ENGINEER
LICENSED
STATE OF IDAHO
BRANDON L. JOHNSON

WINCO STORE NO. 128
S.E.C. 19TH AVE. & 17TH ST.
LEWISTON, IDAHO 83501

WinCo FOODS

SHEET TITLE

HORIZONTAL CONTROL PLAN

SHEET

HC-01

Mar 07, 2014 4:35:57pm — User brandonj
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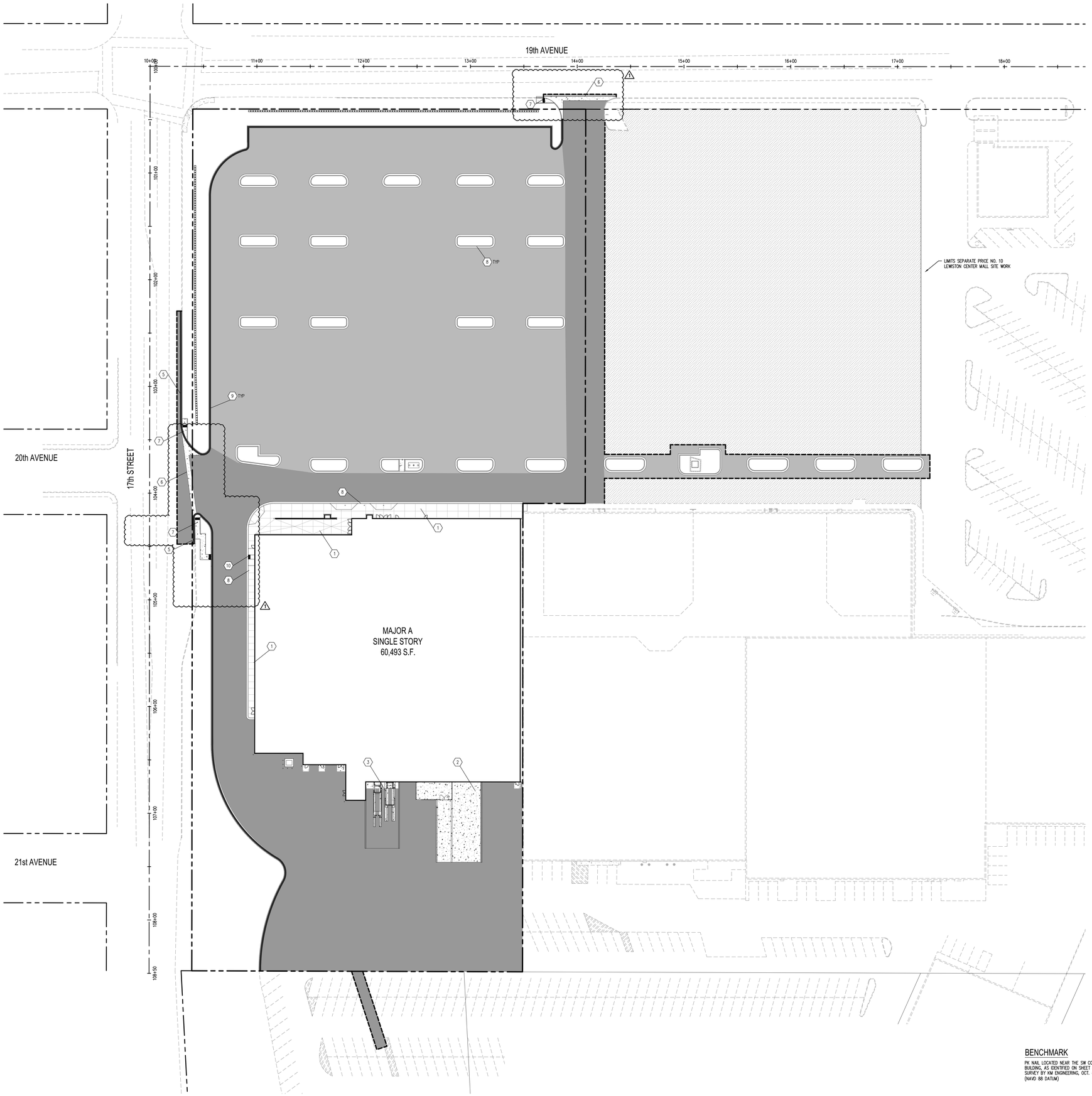

N

0 30 60

SCALE IN FEET

LEGEND

- STANDARD DUTY ASPHALT PAVEMENT SEE PV-02
- HEAVY DUTY ASPHALT PAVEMENT/FIRE LANE SEE PV-02
- CEMENT CONCRETE SIDEWALK
- ISSA TYPE 1 SLURRY SEAL (FEB 2010)
- SPILL CURB & GUTTER SEE PV-02
- CATCH CURB & GUTTER SEE PV-02
- STANDARD CURB SEE PV-02
- VALLEY GUTTER SEE PV-02
- SAWCUT

(XX) CONSTRUCTION NOTES:

1. SEE BUILDING PLANS FOR CONCRETE PAVING NEAR BUILDING
2. LOADING DOCK: SEE BUILDING PLANS FOR CONSTRUCTION DETAILS
3. TRASH COMPACTORS: SEE BUILDING PLANS FOR CONSTRUCTION DETAILS
4. NOT USED
5. OFFSITE HIGH BACK CURB AND GUTTER: SEE PV-02
6. ARTERIAL STREET DRIVEWAY APPROACH / VALLEY GUTTER: SEE PV-02 AND LEWISTON STD DTL 2-20.
7. SINGLE DIRECTION ADA RAMP: SEE LEWISTON STD DTL 2-15.
8. SPILL CURB AND GUTTER: SEE PV-02
9. CATCH CURB AND GUTTER: SEE PV-02
10. IN-LINE ADA RAMP: SEE BUILDING PLANS

BENCHMARK

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REVISIONS

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PROJECT NO. 1816.04

DRAWN L HURTADO

CHECKED B JOHNSON

SUBMITTAL DATES 1/27/14

OTB DATE 02/10/14

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PROFESSIONAL ENGINEER LICENSED STATE OF IDAHO BRANDON L. JOHNSON

WINCO STORE NO. 128
S.E.C. 19TH AVE. & 17TH ST.
LEWISTON, IDAHO 83501

WinCo FOODS

SHEET TITLE

PAVING PLAN

SHEET

PV-01

Nov 07, 2014 4:31:38pm - bjohnson
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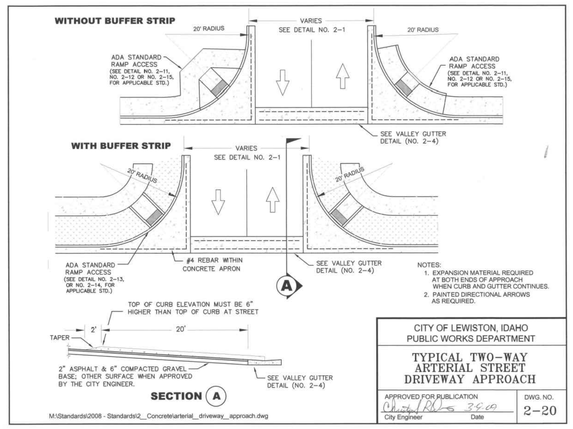
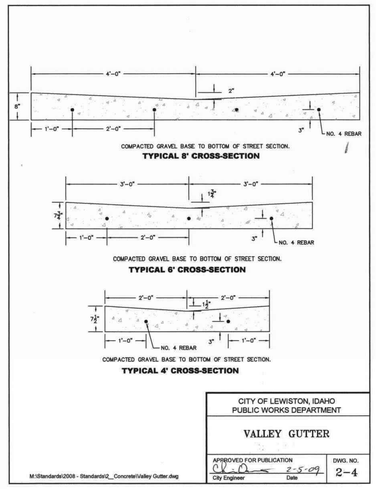
SEC. 6 & 7, T. 35 N., R. 5 W., BOISE MERIDIAN

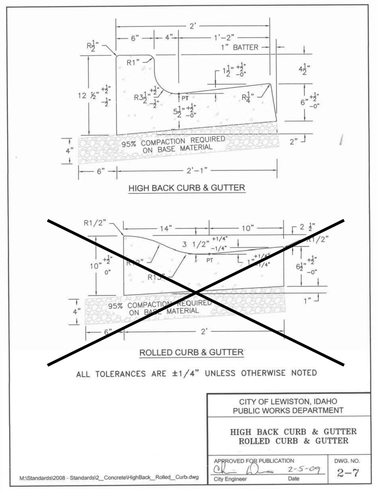




GENERAL NOTES FOR ALL TYPES OF CURB AND GUTTER

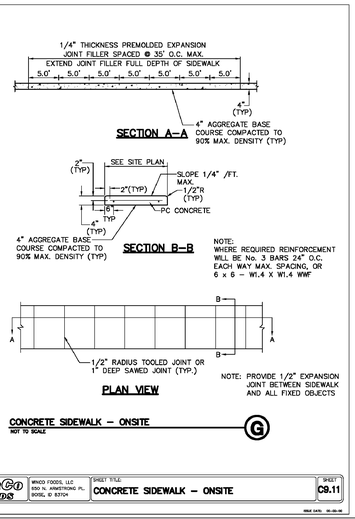
1. SECURE A PERMIT FOR CONSTRUCTION, BEFORE BEGINNING CONSTRUCTION IN PUBLIC RIGHT-OF-WAY.
2. GRADE, ALIGNMENT AND CURB TYPE SHALL BE AS APPROVED BY THE CITY ENGINEER.
3. ALIGNMENT AND GRADE STAKED TO LIP OF GUTTER (LIP) SHALL BE ESTABLISHED OR APPROVED BY THE CITY ENGINEER.
4. THE TOLERANCE FOR FINISHED CURB AND GUTTER –
   MAX. VARIATION OF SURFACE FLATNESS: 1/4 INCH IN 10 FEET
   MAX. VARIATION FROM TRUE POSITION (DESIGN GRADE): 1/2 INCH
5. BASE MATERIAL SHALL BE 4" OF 3/4 INCH MINUS [CURRENT ITD SPEC 703.04] OR 5/8 INCH MINUS [CURRENT WDOT/M41-10 SPEC 9-03.9] CRUSHED AGGREGATE BASE MATERIAL COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY MODIFIED PROCTOR AS PER AASHTO T180. ALL FILL OR BACKFILL AREAS SHALL BE PLACED IN 6" TO 8" MAXIMUM LIFTS. IN AREAS OF SMALL PROJECTS, LIMITED HEAVY TRUCK TRAFFIC OR WHERE COMPACTION EQUIPMENT HAS LIMITED ACCESS A REDUCED % COMPACTION MAY BE ALLOWED WITH WRITTEN APPROVAL FROM PUBLIC WORK DIRECTOR.
6. CONCRETE SHALL BE 3,000 PSI MINIMUM AT 28 DAYS, MAXIMUM WATER/CEMENT RATIO SHALL BE 0.5 (LB/LB), 5" MAX. SLUMP, AIR CONTENT (%) 6.5 ±1.5.
7. DUMMY JOINTS AT 10 FOOT INTERVALS AND AT CURB RADII, 3/4" TO 1" DEEP. CONSTRUCTION JOINTS LOCATIONS AS DIRECTED BY CITY ENGINEER. DIFFERENTIAL ELEVATION BETWEEN ADJACENT SECTIONS SHALL NOT EXCEED 1/4".
8. THE CONTRACTOR ARE REQUIRED BY THE PUBLIC WORKS DEPARTMENT TO MARK STUB-OUTS AND VALVES IN THE UNCURED CONCRETE.
9. THE CONTRACTOR OR OWNER SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT FOR INSPECTION AFTER THE FORMS ARE SET AND THE PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED NO LESS THAN 2 WORKING DAYS BEFORE PLACEMENT OF CONCRETE FOR A FINAL INSPECTION. FAILURE TO NOTIFY THE PUBLIC WORKS DEPARTMENT IS GROUNDS FOR REJECTION OF CURB AND GUTTER.
10. CONCRETE SURFACE TO HAVE A LIGHT BROOM FINISH PARALLEL WITH THE LENGTH OF THE CURB.
11. APPLY UNIFORM COAT OF REZ-SEAL OR APPROVED EQUIVALENT CURING COMPOUND TO EXPOSED CONCRETE IMMEDIATELY AFTER FINISHING.
12. ROLLED CURB AND GUTTER SHALL NOT BE USED:
    A. ON STREETS IN COMMERCIAL AND INDUSTRIAL ZONED AREAS.
    B. ON STREETS WITH LONGITUDINAL (LENGTHWISE) GRADES IN EXCESS OF 6%.
    C. ON ANY ARTERIAL OR COLLECTOR
    D. WITHOUT PRIOR APPROVAL OF THE CITY ENGINEER.
    E. WHEN SIDEWALK IS LOCATED AT THE BACK OF CURB.

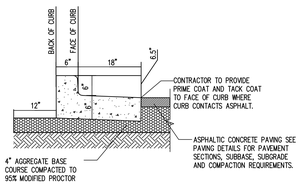
M:\Standards\2010-Standards\2-Concrete\General__Notes__Concrete.dwg
CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT
GENERAL NOTES FOR ALL TYPES OF CURB AND GUTTER
APPROVED FOR PUBLICATION
City Engineer
Date
DWG. NO.
2-6



OFF-SITE PAVING DETAILS

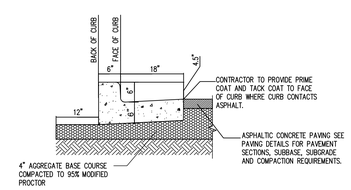
ON-SITE PAVING DETAILS





SPILL CURB & GUTTER

NTS



CATCH CURB & GUTTER

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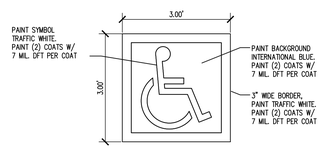
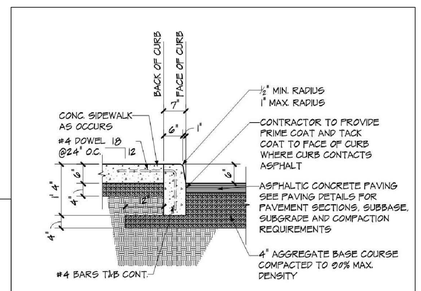


*LOCATE AT EDGE OF PARKING SPACE

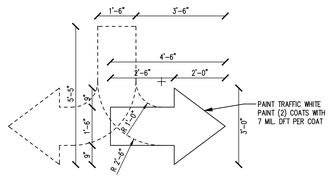
ACCESSIBLE PARKING SYMBOL

NTS



STANDARD CURB

NTS



TRAFFIC ARROWS

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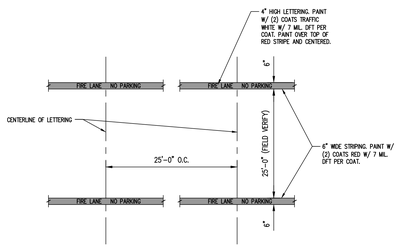
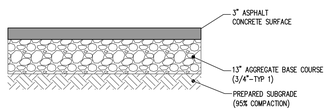


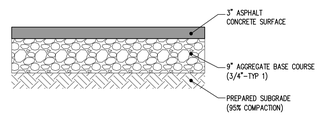
FIRE LANE PAINT STRIPING

NTS



STANDARD DUTY ASPHALT PAVING SECTION

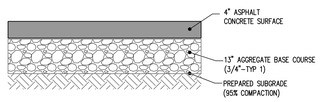
NTS



MODIFIED* STANDARD DUTY ASPHALT PAVING SECTION

NTS

* MODIFIED STANDARD DUTY ASPHALT PAVEMENT SECTION MAY BE USED IN PLACE OF STANDARD DUTY PAVEMENT SECTION WHERE APPROVED BY THE GEOTECHNICAL ENGINEER.



HEAVY DUTY ASPHALT PAVING SECTION

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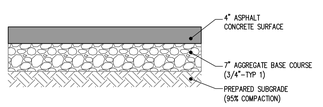
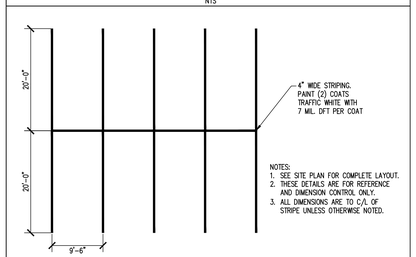


MODIFIED* HEAVY DUTY ASPHALT PAVING SECTION

NTS

* MODIFIED HEAVY DUTY ASPHALT PAVEMENT SECTION MAY BE USED IN PLACE OF HEAVY DUTY PAVEMENT SECTION WHERE APPROVED BY THE GEOTECHNICAL ENGINEER.



90° STRIPING

NTS

BENCHMARK

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REVISIONS

1 ON-SITE CCD 001 XX/XX/XX

PROJECT NO. 1816.04

DRAWN L HURTADO

CHECKED B JOHNSON

SUBMITTAL DATES 1/27/14

OTB DATE 02/10/14

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PROFESSIONAL ENGINEER LICENSED 13804 STATE OF IDAHO RANDON L. JOHNSON

WINCO STORE NO. 128
S.E.C. 19TH AVE. & 17TH ST.
LEWISTON, IDAHO 83501

WinCo FOODS

SHEET TITLE

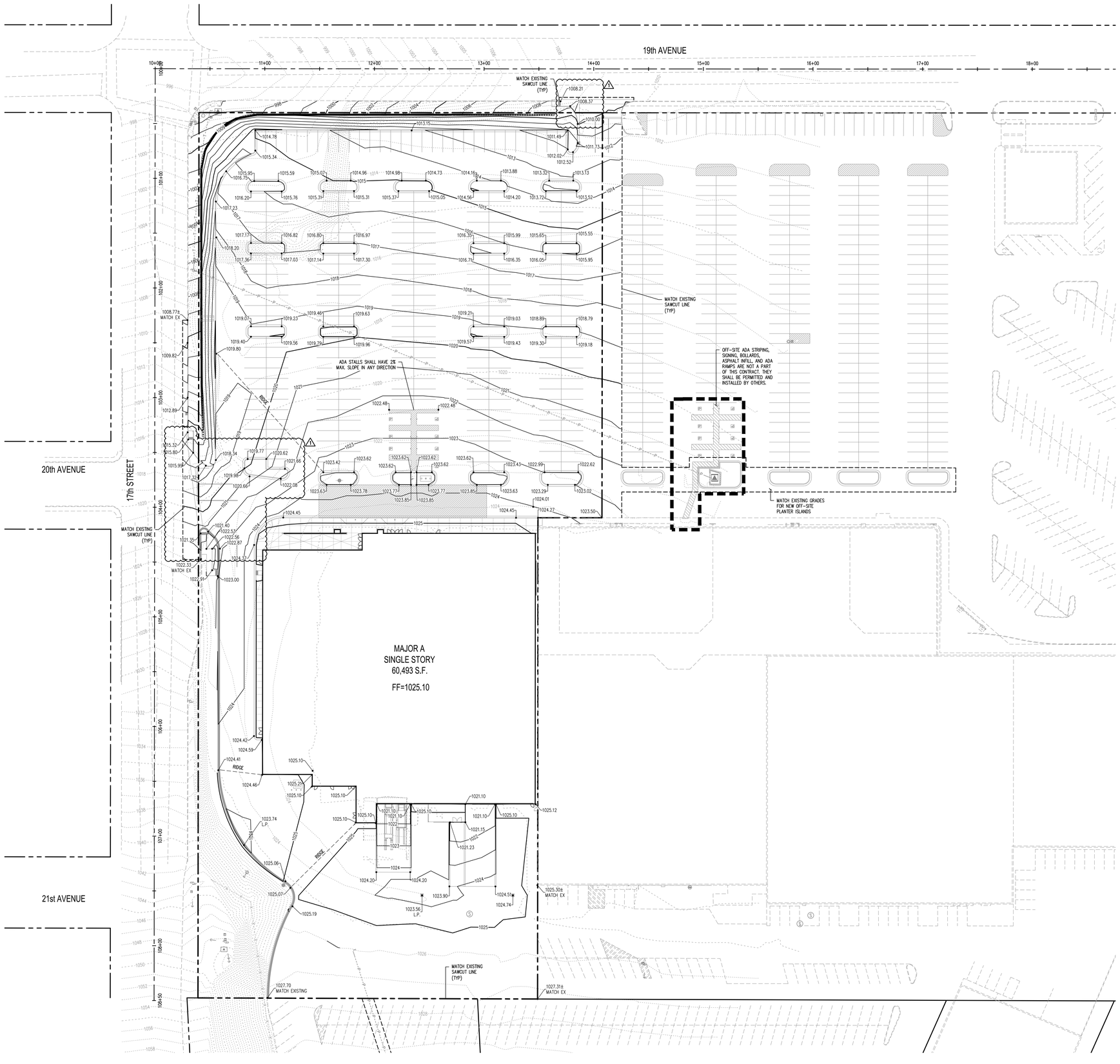
PAVING DETAILS

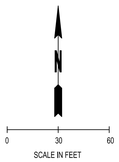
SHEET

PV-02

Mar 07, 2014, 4:31:30pm – Joe Smeraski
M:\CAD\WINCO FOODS\LEWISTON, ID WINCO\PAVING 3D – CONSTRUCTION DOCUMENTS\CAD\1816.04-PV-02.DWG

SEC. 6 & 7, T. 35 N., R. 5 W., BOISE MERIDIAN





LEGEND

XX	EXISTING MAJOR CONTOUR
XX	EXISTING MINOR CONTOUR
XX	PROPOSED MAJOR CONTOUR
XX	PROPOSED MINOR CONTOUR
	GRADE BREAK
XXX.XX	SPOT ELEVATION
L.P.	LOW POINT

GRADING NOTES:

1. SEE "SD" SHEETS FOR STORM WATER INLET, PIPE AND STORAGE TRENCH DETAILS.
2. CONTRACTOR SHALL ENSURE THERE IS POSITIVE DRAINAGE AWAY FROM BUILDING AT ALL TIMES.
3. EXISTING CONTOURS ARE BASED ON OCTOBER 2013 ALTA SURVEY BY KM ENGINEERING.
4. SPOT ELEVATIONS REPRESENT FINISHED GRADE AT FLOW LINE UNLESS OTHERWISE NOTED.
5. ALL LANDSCAPE AREAS SHALL BE STABILIZED.

BENCHMARK

PK NAIL LOCATED NEAR THE SW CORNER OF BUILDING, AS IDENTIFIED ON SHEET 2 OF ALTA SURVEY BY KM ENGINEERING, OCT. 4, 2013 (NAVD 88 DATUM)

BASIS OF BEARING

BASIS OF BEARING IS THE ALTA/ACSM SURVEY FOR THE LEWISTON CENTER PARTNERSHIP BY DANIEL L. HAYHURST, PLS 9365 DATED AUGUST 17, 1999.

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 811 OR 1-800-342-1585 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

REVISIONS

1 ON-SITE CCD 001 xx/xx/xx

PROJECT NO. 1816.04

DRAWN L SATER

CHECKED B JOHNSON

SUBMITTAL DATES 1/27/14

OTB DATE 02/10/14

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PROFESSIONAL ENGINEER LICENSED STATE OF IDAHO BRANDON L. JOHNSON

WINCO STORE NO. 128
S.E.C. 19TH AVE. & 17TH ST.
LEWISTON, IDAHO 83501

WinCo FOODS

SHEET TITLE

OVERALL GRADING PLAN

SHEET

CG-01

Mar 07, 2014 4:35:36pm -- Lee Sater
P:\1816.04 WINCO LEWISTON, ID WINCO\PLANS\CONSTRUCTION DOCUMENTS\CADD\1816.04-CG-01.DWG

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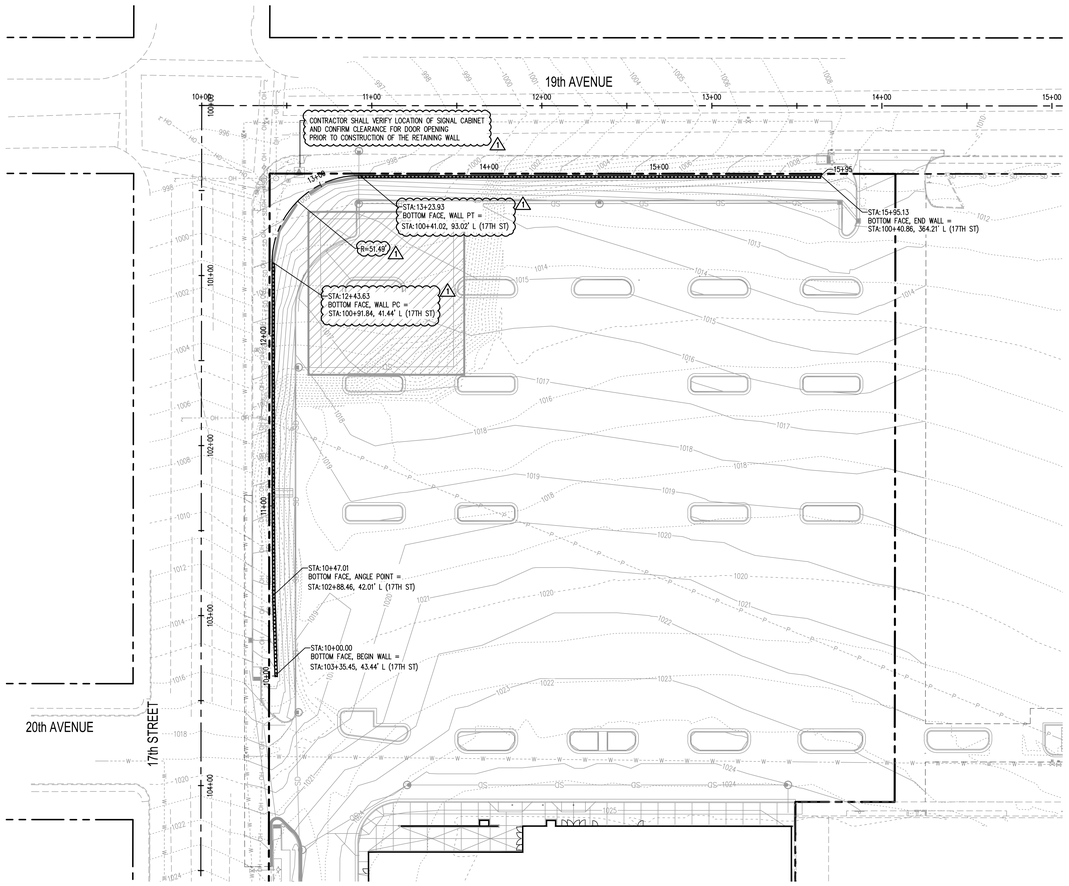


WALLS SHOWN ARE FOR REFERENCE ONLY. WALL DESIGN AND PERMITTING WILL BE PROVIDED BY THE CONTRACTOR .

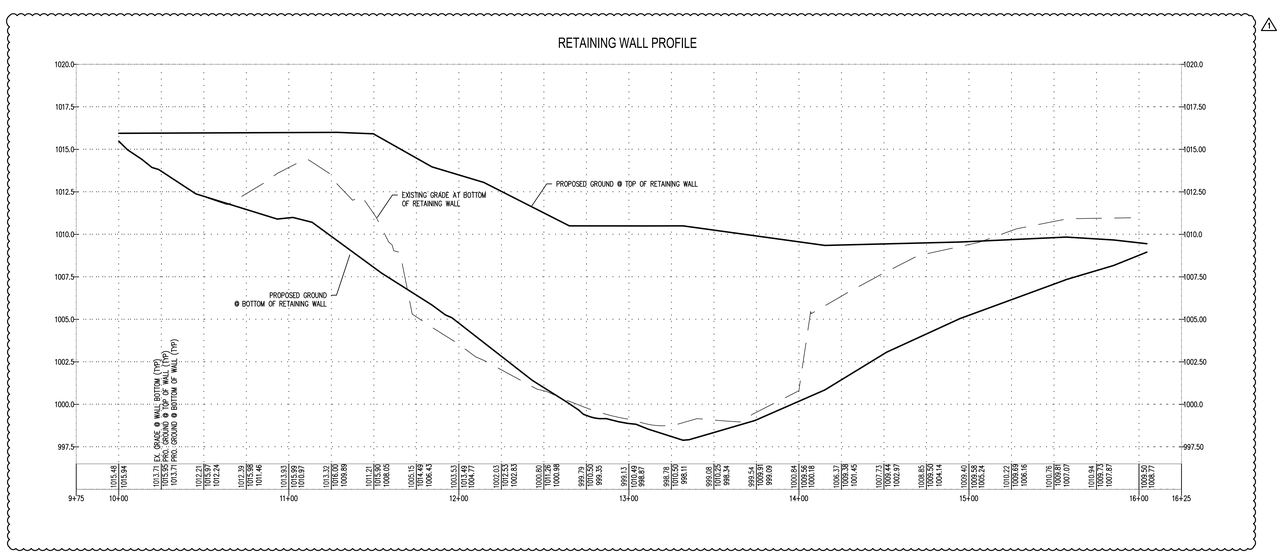
N

0 30 60

SCALE IN FEET

LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- RETAINING WALL



BENCHMARK

PK NAIL LOCATED NEAR THE SW CORNER OF BUILDING, AS IDENTIFIED ON SHEET 2 OF ALTA SURVEY BY KM ENGINEERING, OCT. 4, 2013 (NAVD 88 DATUM)

BASIS OF BEARING

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REVISIONS

1 ON-SITE CCD 001 3/3/14

PROJECT NO. 1816.04

DRAWN L SATER

CHECKED B JOHNSON

SUBMITTAL DATES 1/27/14

OTB DATE 02/10/14

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PROFESSIONAL ENGINEER LICENSED STATE OF IDAHO BRANDON L. JOHNSON

WINCO STORE NO. 128
S.E.C. 19TH AVE. & 17TH ST.
LEWISTON, IDAHO 83501

WinCo FOODS

SHEET TITLE

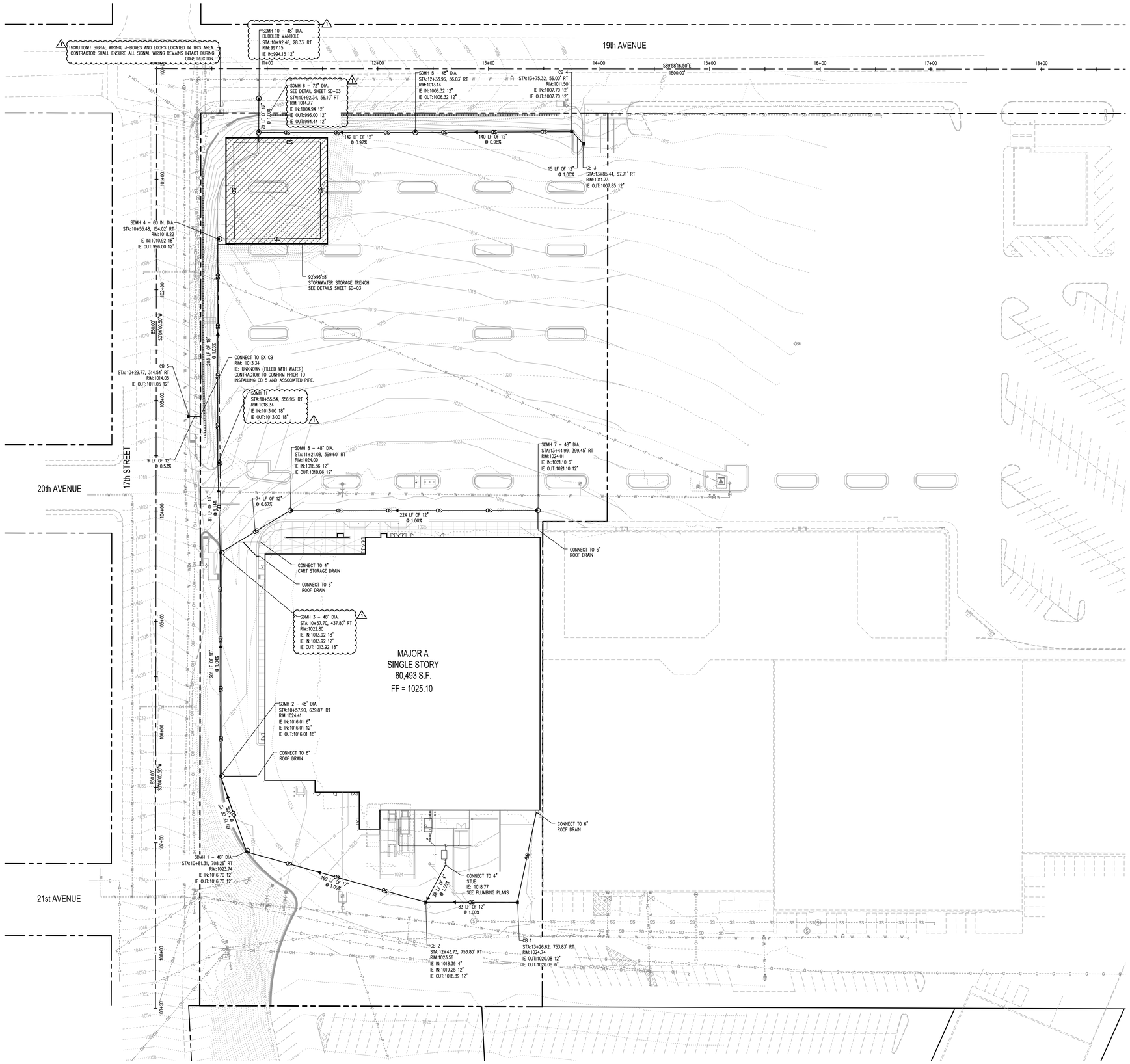
WALL PROFILE

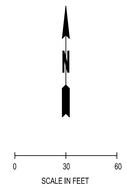
SHEET

CG-02

May 07, 2014 4:34:5pm - Lisa Grandon
N:\Projects\1816.04 - LEWISTON, ID WINCO\Plans\LEWISTON, ID WINCO\PHASE 3D - CONSTRUCTION DOCUMENTS\CADD\1816.04-CG-02.DWG

SEC. 6 & 7, T. 35 N., R. 5 W., BOISE MERIDIAN





LEGEND

- EXISTING CONTOURS (MAJOR/MINOR)
- PROPOSED CONTOURS (MAJOR/MINOR)
- SD — STORM PIPE ADS N-12 (OR EQUAL)
- TYPE 1 CATCH BASIN (C.O.L. STD 6-8)
- TYPE 1 MANHOLE W/FRAME AND SOLID COVER (C.O.L. STD 6-2- MODIFIED FOR A 2' SUMP)
- TYPE 1 MANHOLE W/CB FRAME AND GRATE (C.O.L. STD 6-2 – MODIFIED FOR A 2' SUMP)

NOTES:

1. ALL CATCH BASINS ARE STATIONED AT THE MIDPOINT EDGE OF GRATE AT FLOW LINE.

BENCHMARK

PK NAIL LOCATED NEAR THE SW CORNER OF BUILDING, AS IDENTIFIED ON SHEET 2 OF ALTA SURVEY BY KM ENGINEERING, OCT. 4, 2013 (NAVD 88 DATUM)

BASIS OF BEARING

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REVISIONS

1 ON-SITE CCD 001 xx/xx/xx

PROJECT NO.	1816.04
DRAWN	L SATER
CHECKED	B JOHNSON
SUBMITTAL DATES	1/27/14
OTB DATE	02/10/14

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WINCO STORE NO. 128
S.E.C. 19TH AVE. & 17TH ST.
LEWISTON, IDAHO 83501

WinCo FOODS

SHEET TITLE

OVERALL STORM DRAINAGE PLAN

SHEET

SD-01

Mar 07, 2014 - 8:35:53am - jlowe (acscad)
N:\Projects\1816.04 - WINCO\Drawings\LEWISTON, ID WINCO\PHASE 30 - CONSTRUCTION DOCUMENTS\CAD\1816.04-SD-01.DWG

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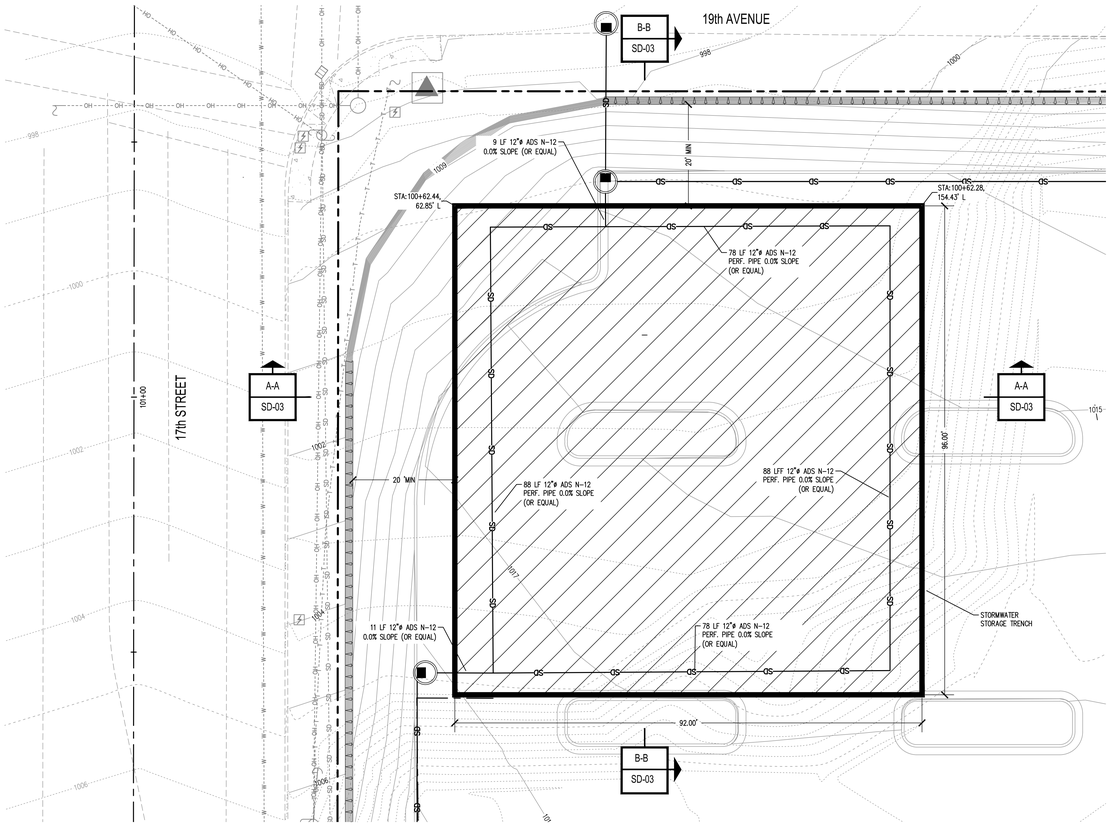
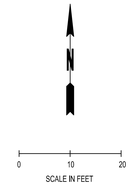
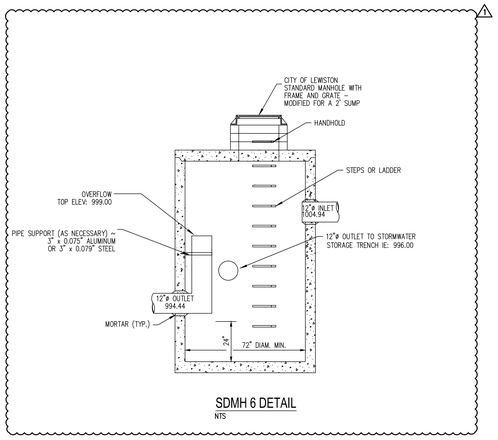


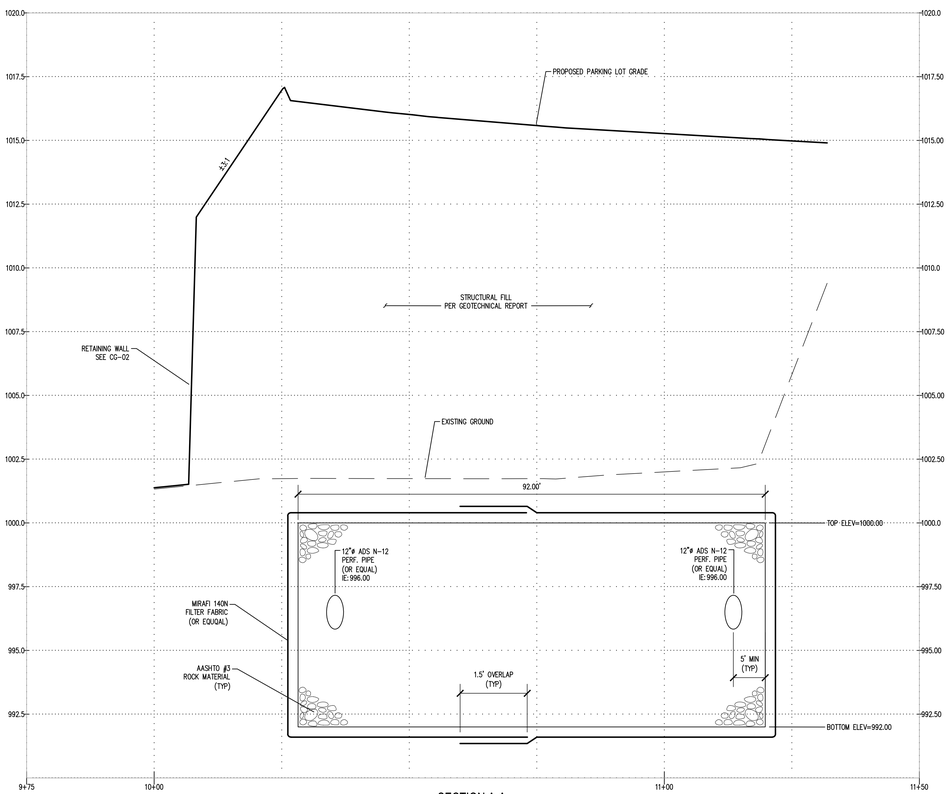


LEGEND

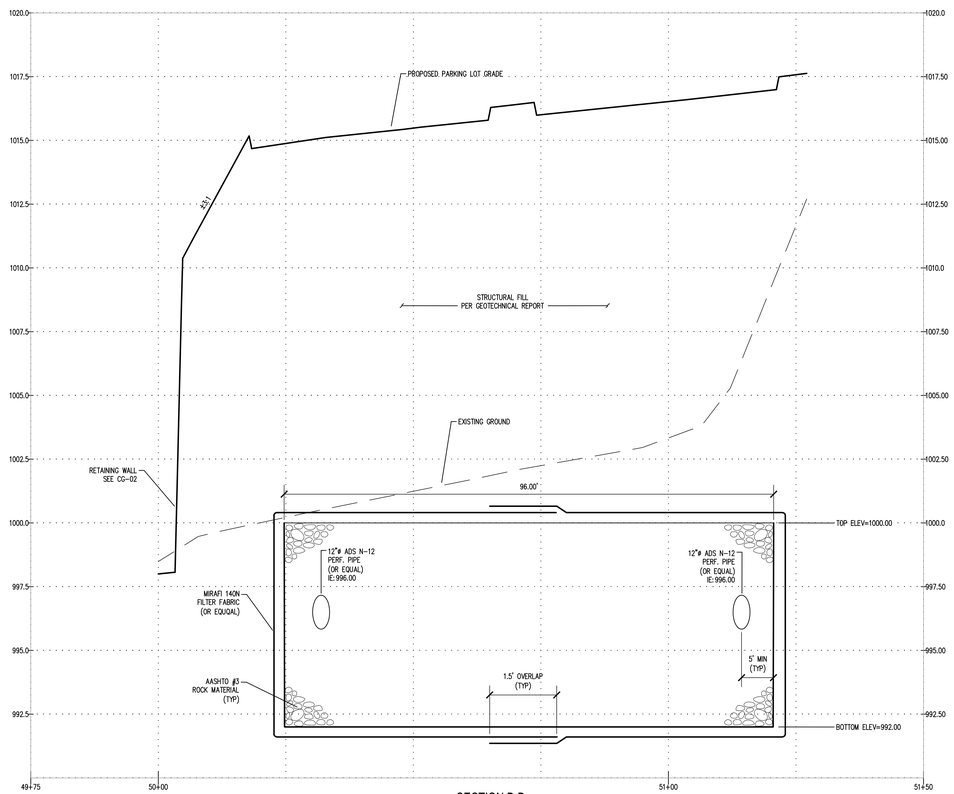
- EXISTING CONTOURS (MAJOR/MINOR)
- PROPOSED CONTOURS (MAJOR/MINOR)
- SD — STORM PIPE ADS N-12 (OR EQUAL)
- TYPE 1 CATCH BASIN (C.O.L. STD 6-8)
- TYPE 1 MAN HOLE W/FRAME AND COVER (C.O.L. STD 6-2)
- TYPE 1 MANHOLE W/CB FRAME AND GRATE (C.O.L. STD 6-7)



SDMH 6 DETAIL
NTS



SECTION A-A
HORZ: 1"=10' SCALE
VERT: 1"=2' SCALE



SECTION B-B
HORZ: 1"=10' SCALE
VERT: 1"=2' SCALE

BENCHMARK

PK NAIL LOCATED NEAR THE SW CORNER OF BUILDING, AS IDENTIFIED ON SHEET 2 OF ALTA SURVEY BY KM ENGINEERING, OCT. 4, 2013 (NAVD 88 DATUM)

BASIS OF BEARING

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REVISIONS

1 ON-SITE CCD 001
XX/XX/XX

PROJECT NO.	1816.04
DRAWN	L SATER
CHECKED	B JOHNSON
SUBMITTAL DATES	1/27/14
OTB DATE	02/10/14

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PROFESSIONAL ENGINEER
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STATE OF IDAHO
BRANDON L. JOHNSON

WINCO STORE NO. 128
S.E.C. 19TH AVE. & 17TH ST.
LEWISTON, IDAHO 83501

WinCo FOODS

SHEET TITLE
STORM STORAGE DETAILS

SHEET
SD-03

May 02, 2014, 4:38:34pm - Lisa Sraten
My:Drives(J:)My Drives:Projects:Winco Lewiston, ID WINCO\PHASE 3D - CONSTRUCTION DOCUMENTS\CADD\1816.04-SD-03.DWG

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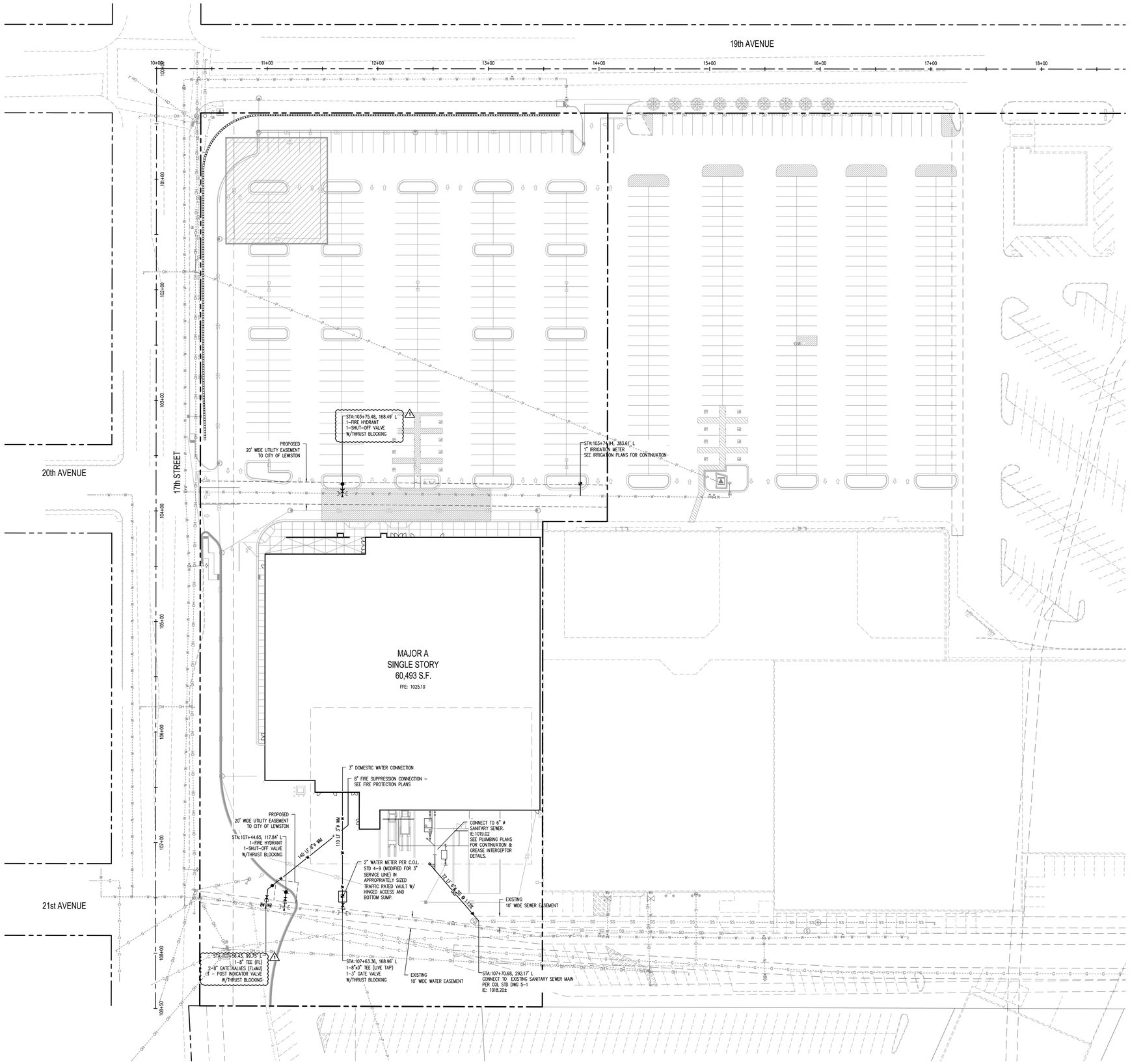

N

0 30 60

SCALE IN FEET

LEGEND

- EXISTING EASEMENT
- PROPOSED EASEMENT
- SANITARY SEWER LINE (PVC D3034)
- EXISTING SANITARY SEWER LINE
- SS CLEANOUT (SEE PLUMBING PLANS)
- WATER LINE (DR25)
- EXISTING WATER LINE
- WATER METER CITY OF LEWISTON STD. DETAIL 4-9, SEE UT-02
- GATE VALVE CITY OF LEWISTON STD. DETAIL 4-2, SEE UT-02
- FIRE HYDRANT CITY OF LEWISTON STD. DETAIL 4-12, SEE UT-02
- BEND W/THRUSTBLOCKING CITY OF LEWISTON STD. DETAIL 4-4, SEE UT-02

NOTE:

1. ALL JOINTS ON FIRE SUPPRESSION CONNECTION SHALL BE RESTRAINED.
2. FIRE PROTECTION SHOWN ON THIS SHEET IS FOR REFERENCE ONLY. INSTALLING CONTRACTOR SHALL SUBMIT REQUIRED DETAILS FOR THE SEPARATE UNDERGROUND FIRE SERVICE PERMIT AS NECESSARY.

BENCHMARK

PK NAIL LOCATED NEAR THE SW CORNER OF BUILDING, AS IDENTIFIED ON SHEET 2 OF ALTA SURVEY BY KM ENGINEERING, OCT. 4, 2013 (NAVD 88 DATUM)

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REVISIONS

1 ON-SITE CCD 001 XX/XX/XX

PROJECT NO. 1816.04

DRAWN L SATER

CHECKED B JOHNSON

SUBMITTAL DATES

1/27/14

OTB DATE 02/10/14

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PROFESSIONAL ENGINEER LICENSED STATE OF IDAHO BRANDON L. JOHNSON

WINCO STORE NO. 128
S.E.C. 19TH AVE. & 17TH ST.
LEWISTON, IDAHO 83501

WinCo FOODS

SHEET TITLE

OVERALL UTILITY PLAN

SHEET

UT-01

Nov 07, 2014 4:41:00p.m. Non licensed
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