CITY OF LEWISTON
18TH STREET NORTH REBUILD
MARCH 22, 2016

RECORD DRAWINGS
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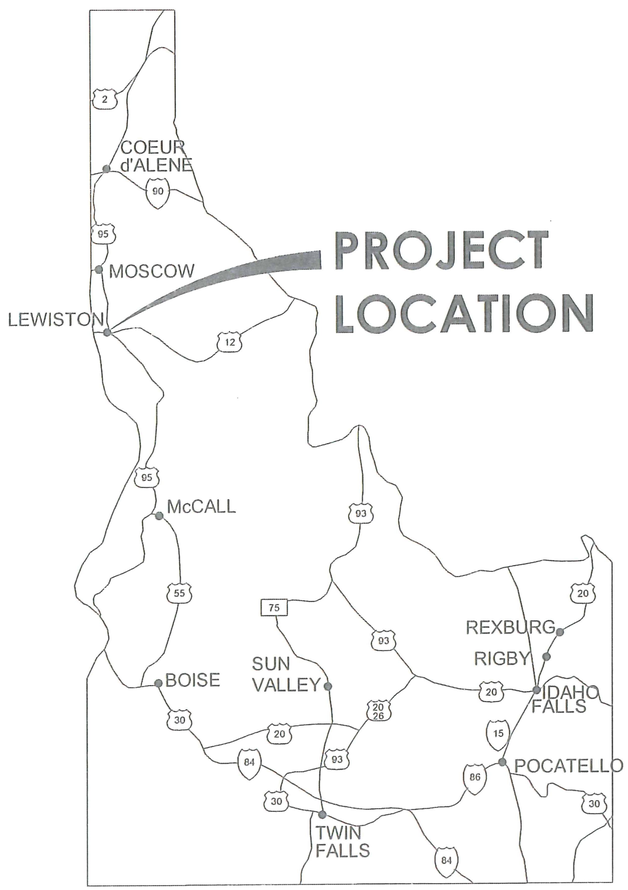


A1 LOCATION MAP
N.T.S.

KEY STAKEHOLDERS

CITY OF LEWISTON EXPLORE IDAHO'S FIRST CAPITAL 1861 — Port of Lewiston — IDAHO TRANSPORTATION DEPARTMENT

URBAN RENEWAL AGENCY

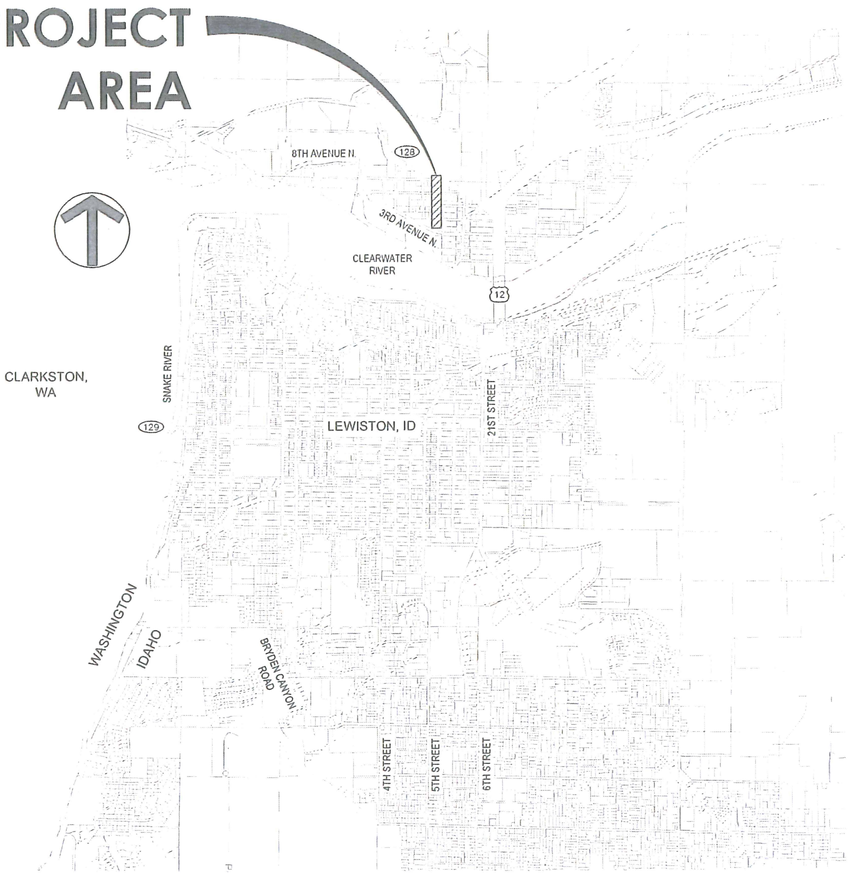
OWNER
CITY OF LEWISTON
215 D STREET
LEWISTON, ID 83501
CONTACT: ALANNAH BAILEY
PHONE: 208.746-1316
EMAIL: abailey@cityoflewiston.org

CIVIL ENGINEER
KELLER ASSOCIATES, INC.
733 5TH ST., SUITE A
CLARKSTON, WA 99403
CONTACT: STILLMAN NORTON, PE
PHONE: 208.295.6095
EMAIL: stillman@kellerassociates.com

PROFESSIONAL ENGINEER LICENSED 14713 3/22/2016 STATE OF IDAHO STILLMAN NORTON

811 Know what's below. Call before you dig. 800.342.1585

PROJECT AREA



A4 VICINITY MAP
N.T.S.

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733 5th Street, Suite A
Clarkston, Washington 99403
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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

COVER SHEET

PROJECT NO. 215081
SHEET NO. C-001

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LIST OF DRAWINGS

C-001 - COVER SHEET
C-002 - SHEET INDEX
C-003 - CIVIL LINES & LEGEND
C-004 - PROJECT OVERVIEW

C1-101 - DEMOLITION PLAN STA 10+00 - 19+00
C1-102 - DEMOLITION PLAN STA 19+00 - END

C2-101 - EROSION CONTROL PLAN
C2-501 - EROSION CONTROL DETAILS

C4-201 - PLAN & PROFILE STA 10+00 - 15+00
C4-202 - PLAN & PROFILE STA 15+00 - 19+00
C4-203 - PLAN & PROFILE STA 19+00 - 23+49.72
C4-204 - PLAN & PROFILE STA 23+49.72 - END
C4-205 - PLAN & PROFILE HWY 128 CURB
C4-301 - TYPICAL ROADWAY SECTIONS
C4-501 - ROADWAY DETAILS

C5-201 - STORM DRAIN PLAN & PROFILE LINE A, B & C
C5-202 - STORM DRAIN PLAN & PROFILE LINE D & E

C6-101 - UTILITY PLAN & PROFILE STA 10+00 - 15+00
C6-102 - UTILITY PLAN & PROFILE STA 15+00 - 19+00
C6-103 - UTILITY PLAN & PROFILE STA 19+00 - END

C8-101 - SIGNING & STRIPING PLAN STA 10+00 - 19+00
C8-102 - SIGNING & STRIPING PLAN STA 19+00 - 23+49.72
C8-103 - SIGNING & STRIPING PLAN STA 23+49.72 - END
C8-104 - CONTRUCTION TRAFFIC CONTROL PLAN

C9-101 - RIGHT-OF-WAY & EASEMENT PLAN

SHEET NUMBERING FORMAT

AA-NNN

AA = DISCIPLINE DESIGNATOR
NNN = SHEET TYPE DESIGNATOR

SHEET TYPE DESIGNATORS

0XX	GENERAL (SYMBOLS LEGEND, NOTES, ETC.)
1XX	PLANS (HORIZONTAL VIEWS)
2XX	ELEVATIONS, PLAN & PROFILES (VERTICAL VIEWS)
3XX	SECTIONS (SECTION VIEWS)
4XX	LARGE SCALE VIEWS (PLANS, ELEVATIONS OR SECTIONS THAT ARE NOT DETAILS)
5XX	DETAILS
6XX	SCHEDULES AND DIAGRAMS
7XX	USER DEFINED (FOR TYPES WHICH DO NOT FALL IN OTHER CATEGORIES)
8XX	USER DEFINED (FOR TYPES WHICH DO NOT FALL IN OTHER CATEGORIES)
9XX	3D REPRESENTATIONS (ISOMETRICS, PERSPECTIVES, PHOTOGRAPHS)

DISCIPLINE DESIGNATORS

C	GENERAL
C1	DEMOLITION
C2	EROSION CONTROL
C3	SITE LAYOUT
C4	ROADWAY PLANS
C5	GRADING & DRAINAGE
C6	SITE UTILITIES - YARD PIPING
C7	MINOR STRUCTURES
C8	TRAFFIC CONTROL
C9	RIGHT-OF-WAY & EASEMENT

RECORD DRAWINGS

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14713
3/22/2016
STATE OF IDAHO
STILLMAN NORTON

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

SHEET INDEX

PROJECT NO. 215081

SHEET NO. C-002

EXISTING TOPOGRAPHY

- 2460 — TOPOGRAPHIC CONTOUR
- EG — EDGE OF GRAVEL
- EP — EDGE OF PAVEMENT
- CURB & GUTTER, SIDEWALK & DROP INLET
- X — FENCE (BARBED WIRE OR OTHER)
- O — FENCE (CHAINLINK)
- DITCH FLOWLINE
- TP-31 — TEST PIT
- SIGN

PROPERTY

- CP #203 — SURVEY CONTROL POINT
- BENCHMARK #1 — BENCHMARK
- FOUND BRASS CAP
- FOUND ALUMINUM CAP
- FOUND 5/8" STEEL PIN
- SET 5/8" STEEL PIN W/CAP
- FOUND 1/2" STEEL PIN
- SET 1/2" STEEL PIN W/CAP
- CALCULATED POINT
- WC — WITNESS CORNER
- EASEMENT - UTILITY
- EASEMENT - TEMPORARY
- EASEMENT - SETBACK
- PROJECT BOUNDARY
- P/L — PROPERTY LINES
- SECTION LINES
- R/W — PERSCRIPTIVE RIGHT OF WAY
- ROW — EXISTING & PROPOSED RIGHT OF WAY
- ( ) DATA OF RECORD
- 6 / 7 — QUARTER SECTION - NOT FOUND
- 5 — CENTER SECTION
- 5 6 7 8 — SECTION CORNER - FOUND

EXISTING UTILITY

- 12"PW — WATERLINE & VALVE
- 12"SS> — SANITARY SEWER LINE & MANHOLE
- 4"SS< — SANITARY SEWER SERVICE & CLEANOUT
- PS — PRESSURE SEWER LINE & VALVE VAULT
- 8"SD> — STORM DRAIN LINE & MANHOLE
- 8"PI — PRESSURE IRRIGATION & VALVE
- GI — GRAVITY IRRIGATION & MANHOLE
- PP — OHP — OVERHEAD POWER LINE & POWER POLE
- UGP — UNDERGROUND POWER LINE
- LIGHT POLE
- NG — NATURAL GAS LINE
- FO — FIBER OPTIC LINE
- TEL — TEL — TR — TELEPHONE LINE & RISER
- CTV — CABLE — CABLE LINE & RISER

PROPOSED GRADING

- 2457 — TOPOGRAPHIC CONTOUR
- RIDGELINE
- 1.50% — DRAINAGE ARROW & SLOPE
- x 57.73 — SPOT ELEVATION
- SWALE FLOWLINE
- DAYLIGHT FILL LINE
- DAYLIGHT FILL LINE

PROPOSED MISCELLANEOUS

- CONSTRUCTION PHASE LIMITS
- SAW — SAWCUT
- DEMOLITION/ABANDON

PROPOSED SITE

- 6" HIGH BACK, GUTTER, SIDEWALK & DROP INLET
- 6" HIGH BACK CUT CURB & GUTTER
- 6" REVERSE CURB & GUTTER
- 6" REVERSE CUT CURB & GUTTER
- IMBEDDED CURB
- CONCRETE
- ASPHALT
- LANDSCAPE ROCK
- GRAVEL DRIVEWAY

PROPOSED SITE (CONT.)

- O — O — CHAINLINK FENCE & GATE
- X — X — FENCE
- o — o — o — o — CLEARING AND GRUBBING
- EP — EP — EDGE OF PAVEMENT
- SIGN

PROPOSED UTILITY

FLANGED — MECHANICAL JOINT — FITTING TYPES

- 45° — 8"W — BEND
- 8"W — 8"W — REDUCING TEE
- TEE
- REDUCER
- FLANGE TO MECHANICAL JOINT COUPLING
- CROSS
- CAP W/BLIND FLANGE
- CHECK VALVE
- GATE VALVE
- BUTTERFLY VALVE
- BLOW-OFF VALVE
- RESTRAINED FITTING
- W — WATER SERVICE LINE & METER
- FIRE HYDRANT
- 8" FIRE — 8" FIRE — FIRE LINE
- 8"W — 8"W — WATERLINE
- MW — MONITORING WELL
- LOCATION WIRE BOX
- NON-FREEZE YARD HYDRANT
- 8"PI — PRESSURE IRRIGATION, TEE & GATE VALVE
- 2"PI — PRESSURE IRRIGATION SERVICE
- 8"GI< — 8"GI< — GRAVITY IRRIGATION & STRUCTURE
- 8"SS< — 8"SS< — SANITARY SEWER & MANHOLE W/ VENTED LID
- 4"SS< — SANITARY SEWER SERVICE & CAP
- 4"SS< — 4"SS< — SANITARY SEWER SERVICE & CLEANOUT
- 8"PS< — 8"PS< — PRESSURE SEWER & VALVE VAULT
- 18"SD< — 15"SD< — STORM DRAIN LINE & CATCHBASIN W/ GRATED LID
- 12"SD< — 12"SD< — STORM DRAIN LINE & MANHOLE W/ VENTED LID

PROPOSED UTILITY (CONT.)

- JOINT TRENCH IN PROFILE
- CABLE & TELEPHONE RISERS
- JT — JT — JOINT TRENCH & DEVICE
- J — JUNCTION BOX & DUCT BANK
- GAS — GM — GAS — NATURAL GAS LINE & METER
- GAS — GR — GAS — NATURAL GAS LINE & RISER
- GAS — GAS — NATURAL GAS LINE & VALVE
- UGP — UGP — UNDERGROUND POWER
- OHP — PP — OHP — OVERHEAD POWER & POLE
- LIGHT POLE
- TEL — TEL — TR — TELEPHONE LINE & RISER
- T — FO — FO — FIBER OPTIC LINE & VAULT
- T/D — T/D — TELEPHONE DATA LINE
- TV — CABLE — CABLE & TV RISER

RECORD DRAWINGS

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By: [signature] Date: 11/17/16

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NOTES:

1. NOTIFY ENGINEER IF SYMBOL IS NOT IN LEGEND OR SYMBOL DISCREPANCY IS FOUND.
2. THIS IS A GENERAL LIST OF SYMBOLS AND LINES, NOT ALL ARE USED ON THIS PROJECT.

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

CIVIL LINES & LEGEND

PROJECT NO. 215081

SHEET NO. C-003

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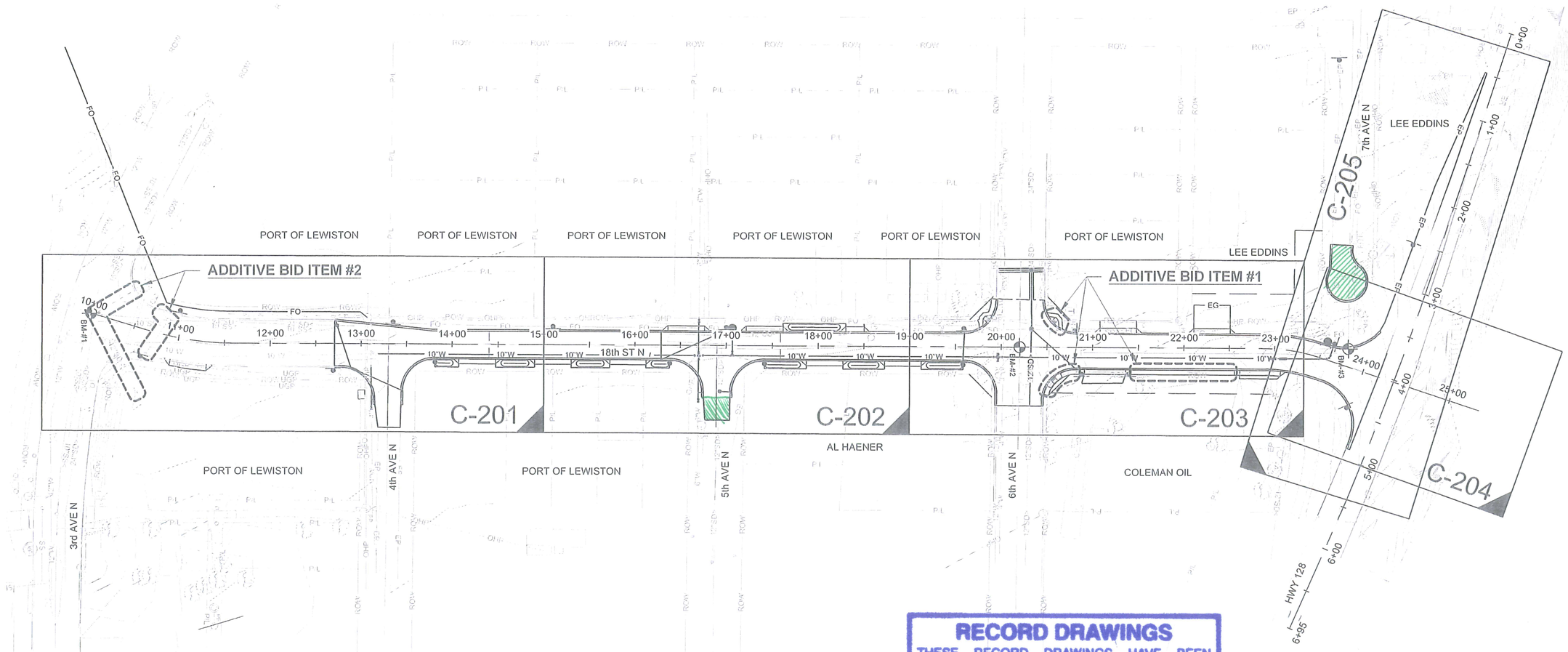
ADDITIVE BID ITEMS	
ADDITIVE BID ITEM # 1	ADDITIVE BID ITEM # 2
SIDEWALKS AND PEDESTRIAN RAMPS	12" STORM CIPP LINER

BENCHMARKS		
BM #1 MON 7+72.48 N 1736556.44 E 2307585.96 ELEV. = 736.14	BM #2 MON 6th/18th ST N 1737571.75 E 2307639.29 ELEV. = 735.66	BM #3 MON 7th/18th ST N 1737931.64 E 2307646.86 ELEV. = 744.16

0 60 120



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PLAN WINDOW ON PLAN AND PROFILE SHEET

ROADWAY PLAN & PROFILE PLAN WINDOW

C-2XX

INDICATES LOWER RIGHT HAND CORNER OF THE VIEWPORT

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

PROJECT OVERVIEW

PROJECT NO. 215081

SHEET NO. C-004

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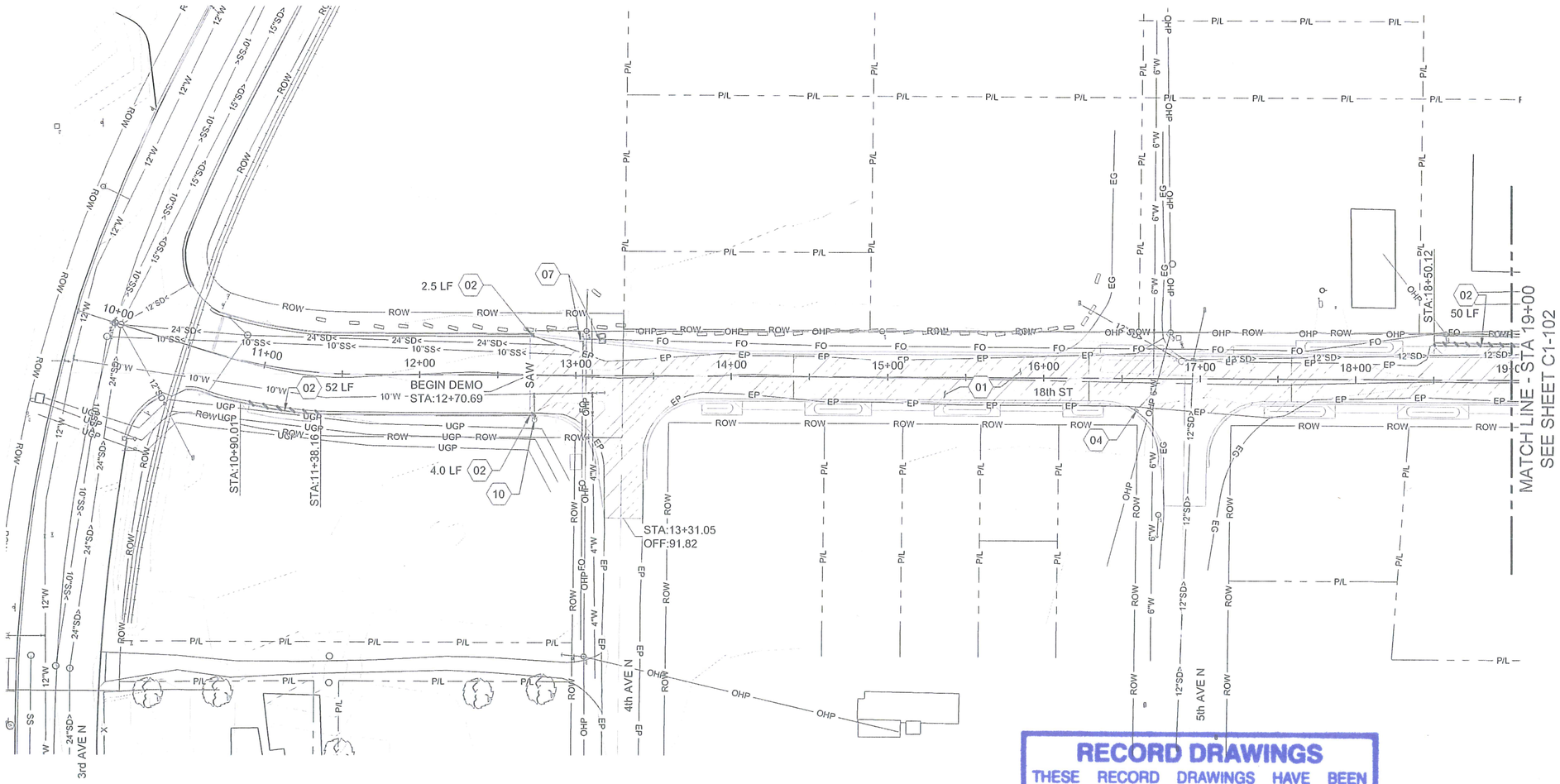

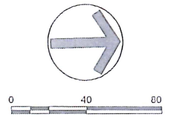

SHEET KEYNOTES

01 ASPHALT REMOVAL (2,397 SY)

02 CURB REMOVAL (108.5 LF)

04 CATCH BASIN/DROP INLET/STORM DRAIN MANHOLE REMOVAL (1 EA)

07 COMMUNICATIONS RISER/STRUCTURE TO BE RELOCATED BY OTHERS. COORDINATE WITH CENTURYLINK. (2 EA)

10 RETAIN & PROTECT FIRE HYDRANT (1 EA)

GENERAL SHEET NOTES

1. ALL UNDERGROUND UTLITIES ARE SHOWN IN APPROXIMATE LOCATION. VERIFY LOCATIONS PRIOR TO WORK IN THE AREA.
2. SEE SIGNING & STRIPING PLANS FOR DETAILED SIGN REMOVAL & RE-INSTALLATION.
3. SEE UTILITY PLANS FOR UTILITY RELOCATIONS.
4. SEE GRADING PLAN FOR STORM DRAIN RELOCATIONS.
5. RETAIN & PROTECT ALL EXISTING MANHOLE LIDS, VALVE CAN LIDS, CATCH INLETS, OR OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. ANY DAMAGED EXISTING MATERIALS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

DEMOLITION LEGEND

CURB REMOVAL

CONCRETE REMOVAL

ASPHALT REMOVAL

RECORD DRAWINGS

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By: Stillman Norton Date: 11/17/16

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

DEMOLITION PLAN STA 10+00 - 19+00

PROJECT NO. 215081

SHEET NO. C1-101

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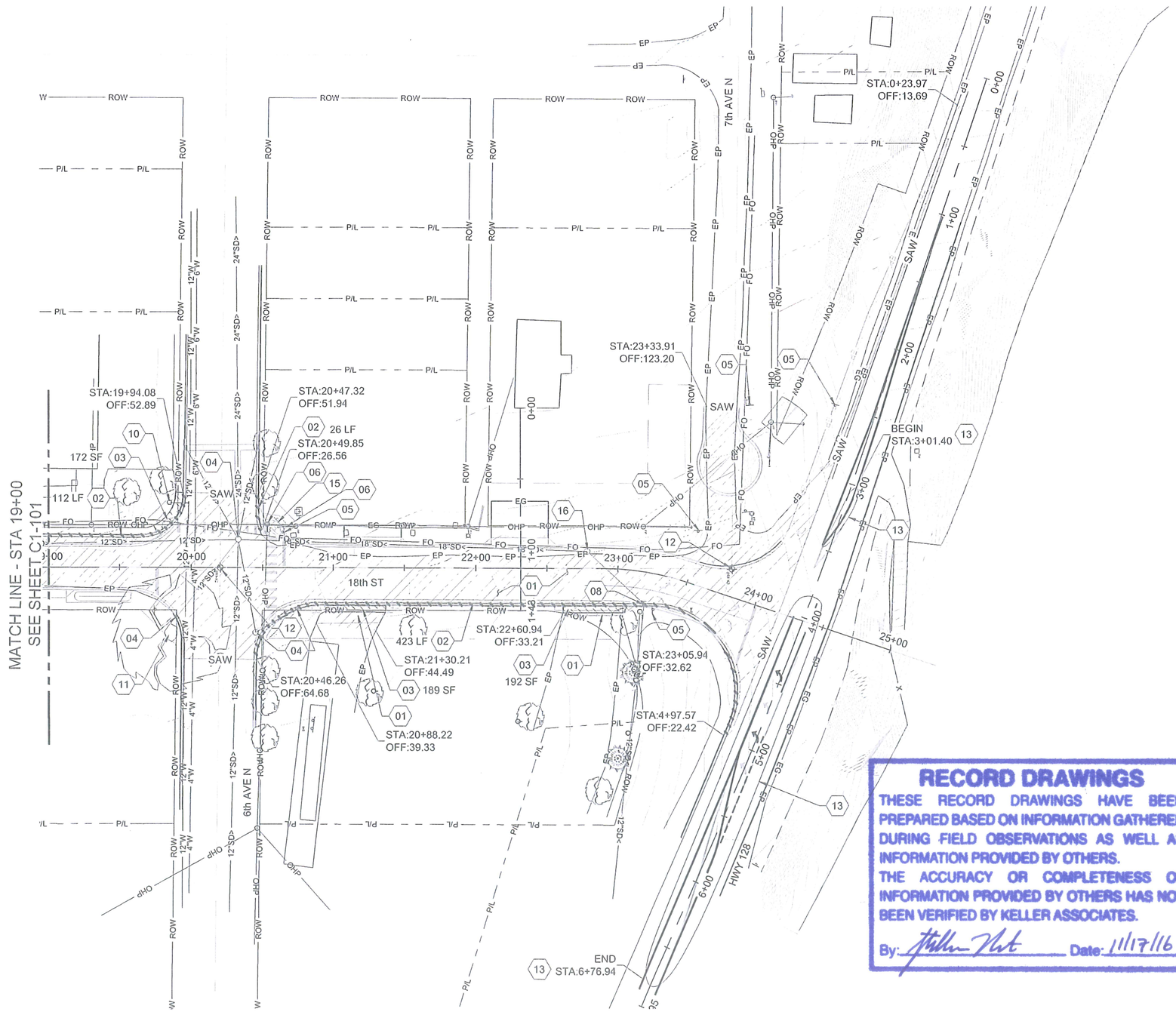

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By: Stillman Norton Date: 11/17/16

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LICENSED
14713
3/22/2016
STATE OF IDAHO
STILLMAN NORTON

0 40 80

SHEET KEYNOTES

01	ASPHALT REMOVAL (3,347 SY)
02	CURB REMOVAL (561 LF)
03	SIDEWALK/CONCRETE REMOVAL (62 SY)
04	CATCH BASIN/DROP INLET/STORM DRAIN MANHOLE REMOVAL (4 EA)
05	SIGN RELOCATION/REMOVAL; RE: SIGNING & PAVEMENT MARKING PLANS (5 EA)
06	POWER POLE/GUY WIRE RELOCATION/REMOVAL BY OTHERS, COORDINATE WITH AVISTA (2 EA)
08	RETAIN & PROTECT INLET (1 EA)
10	RETAIN & PROTECT FIRE HYDRANT (1 EA)
11	RETAIN & PROTECT TREE (1 EA)
12	RETAIN & PROTECT SURVEY MONUMENT (2 EA)
13	OBLITERATE PAVEMENT MARKINGS (840 LF)
15	REMOVE EXISTING SIGN & DELIVER TO PORT OF LEWISTON (1 EA)
16	RETAIN & PROTECT EXISTING SD MANHOLE (1 EA)

GENERAL SHEET NOTES

1. ALL UNDERGROUND UTLITIES ARE SHOWN IN APPROXIMATE LOCATION. VERIFY LOCATIONS PRIOR TO WORK IN THE AREA.
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DEMOLITION LEGEND

- CURB REMOVAL
- CONCRETE REMOVAL
- ASPHALT REMOVAL

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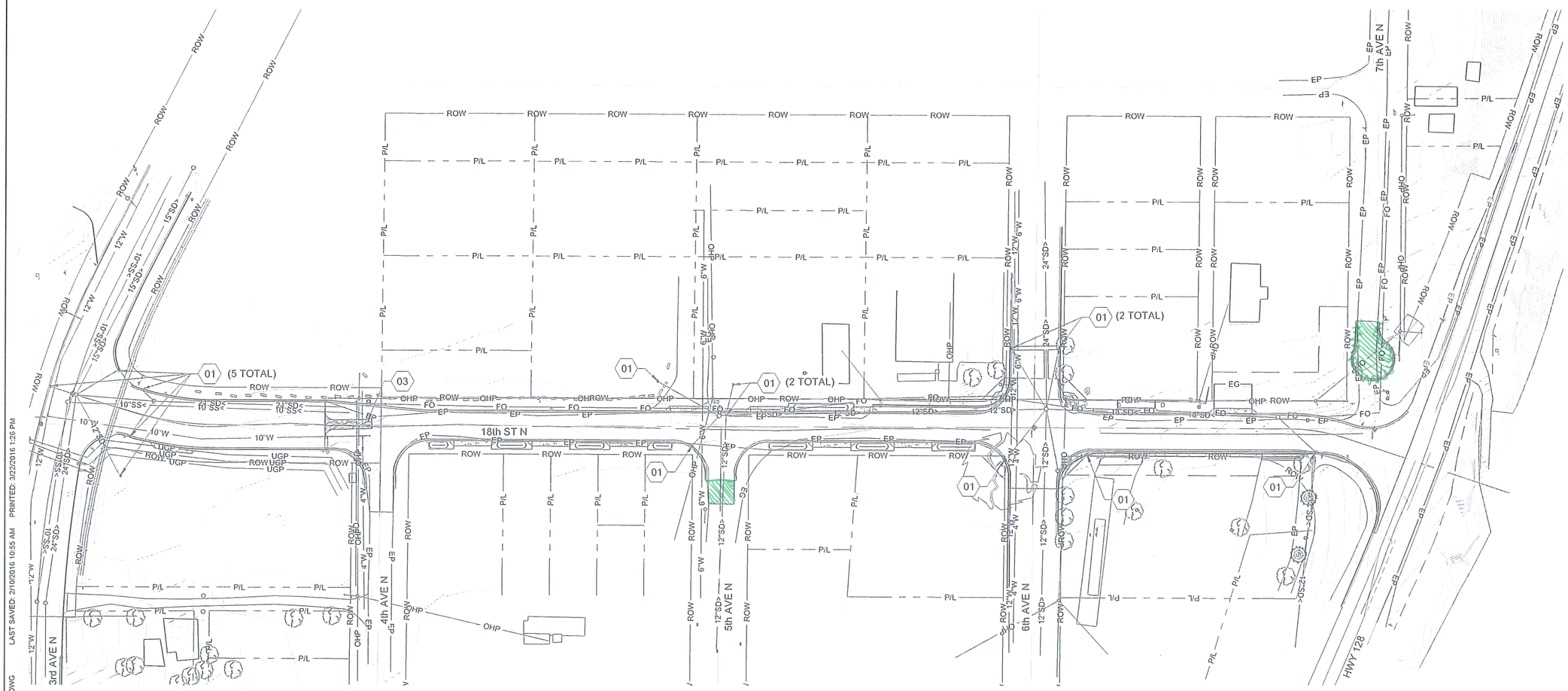
CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

DEMOLITION PLAN STA 19+00 - END

PROJECT NO. 215081

SHEET NO. C1-102



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By: _____ Date: 11/17/16

0 60 120

SHEET KEYNOTES

01 PROVIDE INLET PROTECTION (IE. GEOTEXTILE OR OTHER APPROVED METHOD) (14 EA)

03 STABILIZED CONSTRUCTION ENTRANCE; RE: A3/C2-501 (SEE NOTE #6) (1 EA)

GENERAL SHEET NOTES

1. SEE CONSTRUCTION TRAFFIC CONTROL FOR ROADWAY CLOSURES & SIGNAGE THROUGHOUT CONSTRUCTION.
2. STOCKPILE, STAGING, CONTRACTOR PARKING, AND JOB TRAILER SHALL BE LOCATED WITHIN EXISTING RIGHT-OF-WAY ON 18TH ST NORTH BETWEEN 4TH AVE NORTH AND 6TH AVE NORTH. IF ADDITIONAL SPACE IS NEEDED OUTSIDE OF THE RIGHT-OF-WAY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH & GAIN APPROVAL FROM THE PROPERTY OWNER.
3. RESTORE STOCKPILE, STAGING, VEHICLE PARKING, AND JOB TRAILER AREAS TO ORIGINAL CONDITION IF NOT IMPROVED ELSEWHERE ON THESE PLANS.
4. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS, NOT OTHERWISE MARKED FOR IMPROVEMENTS TO ORIGINAL CONDITION.
5. CONCRETE WASHOUT WILL BE PERMITTED IN AREAS MARKED FOR NEW ASPHALT PAVING. OTHERWISE, ALL CONCRETE WASHOUT SHALL OCCUR AT AN OFFSITE LOCATION. RE: A4/C2-501
6. RESTRICT CONSTRUCTION ACCESS TO A SINGLE CONSTRUCTION ACCESS TO MINIMIZE OFFSITE TRACKING. IF OTHER ACCESSES ARE NEEDED, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED BETWEEN DIRT & PAVED SURFACES.

PROFESSIONAL ENGINEER
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14713
3/22/2016
STATE OF IDAHO
STILLMAN NORTON

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

EROSION CONTROL PLAN

PROJECT NO. 215081

SHEET NO. C2-101

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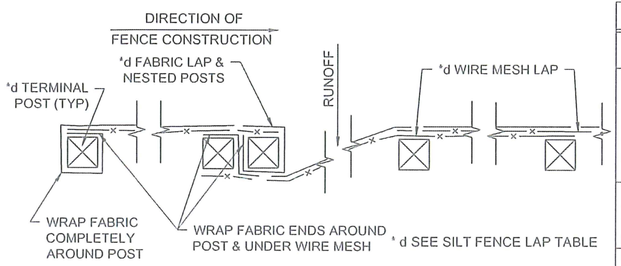
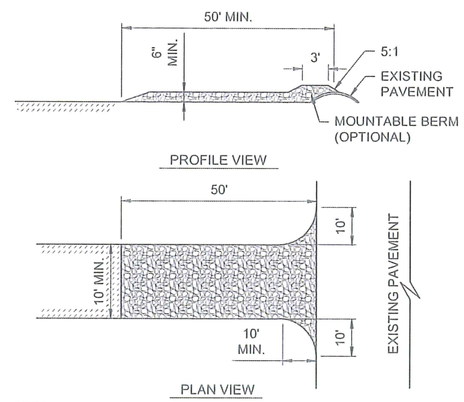
By: _____ Date: 11/17/16

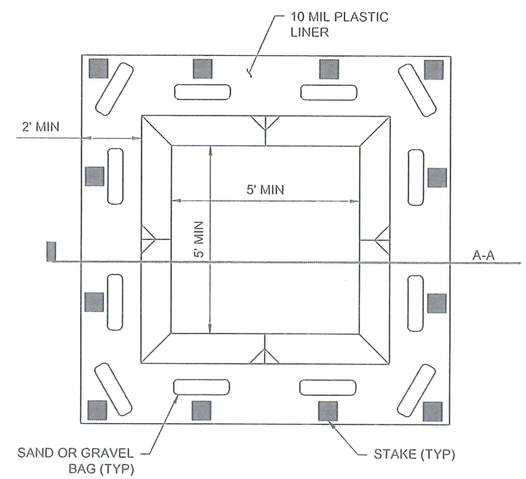
PROFESSIONAL ENGINEER LICENSED 14713 3/22/2016 STATE OF IDAHO STILLMAN NORTON

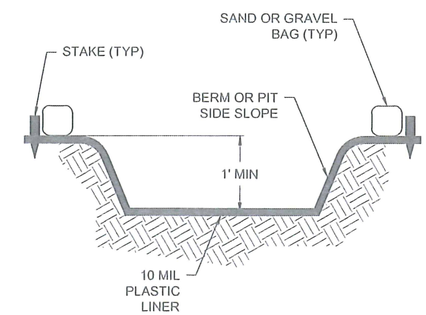


SILT FENCE LAP DETAIL

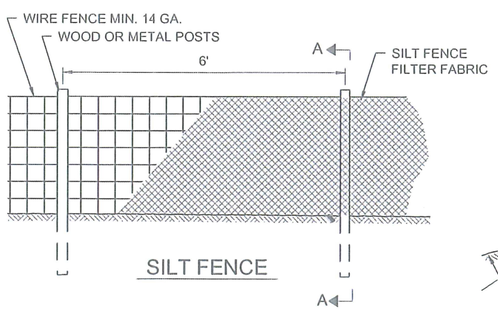
SILT FENCE LAP TABLE
WIRE MESH LAP - FASTEN A DOUBLE LAP OF WIRE MESH OVER A MINIMUM OF (2) LINE POSTS.
FABRIC LAP - WRAP THE (2) FABRIC ENDS AROUND A MINIMUM OF (3) SIDES OF THE APPROPRIATE POST & BETWEEN (1) SIDE OF THE ADJACENT NESTED POST. THEN FASTEN THE (2) WIRE MESH ENDS & FABRIC OVER THE FABRIC ENDS & BOTH NESTED POSTS AS SHOWN ON THE DETAIL (WIRE MESH MUST BE SEVERED).
TERMINAL POST - WRAP THE FABRIC END COMPLETELY AROUND THE POST. THEN FASTEN THE FABRIC WIRE MESH END OVER THE FABRIC END & POST.
MODIFICATIONS - EXTEND & JOIN SILT FENCES WITH NESTED TERMINAL POSTS SIMILAR TO THE FABRIC LAP.



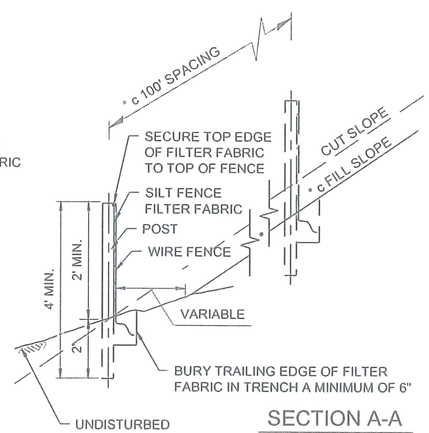




SECTION A-A



SILT FENCE



SECTION A-A

* c SILT FENCES ARE TO BE PLACED EVERY 100' ON FILL SLOPES UNLESS OTHERWISE DIRECTED.

NOTES:
1. SILT FENCES SHALL ALLOW RUNOFF TO PASS THROUGH NOT AROUND THE FENCE.

A1 SILT FENCE
N.T.S.

NOTES:
1. STONE SIZE - USE 4" CRUSHED BASALT OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50'.
3. THICKNESS - NOT LESS THAN 6 INCHES.
4. WIDTH - 10 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
7. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

A3 STABILIZED CONSTRUCTION ENTRANCE
N.T.S.

NOTES:
1. CREATE A MINIMUM 5'x5'x1' PIT OR BERMED AREA, WHERE DESIGNATED ON THE EROSION & SEDIMENT CONTROL PLAN.
2. INSTALL PLASTIC LINING OR SHEETING WITH A MINIMUM 10 MIL THICKNESS THAT EXTENDS AT LEAST 2' BEYOND THE PIT OR BERM PERIMETER.
3. SECURE THE PLASTIC LINING AROUND THE PERIMETER OF THE CONCRETE WASHOUT BY PLACING AT LEAST 12 GRAVEL OR SAND BAGS ON TOP OF THE PLASTIC LINING AND AT LEAST 12 STAKES.
4. INSTALL A CONCRETE WASHOUT SIGN AT LEAST WITHIN 30 FEET OF THE CONCRETE WASHOUT.
5. INSPECT & MAINTAIN CONCRETE WASHOUT AREA PER SWPPP INSPECTION & MAINTENANCE SCHEDULE.
6. ON A REGULAR BASIS DURING THE CONSTRUCTION PROCESS, REMOVE & PROPERLY DISPOSE OF CONCRETE DEBRIS.

A4 CONCRETE WASHOUT
N.T.S.

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733 5th Street, Suite A
Clarkston, Washington 99403
(509) 295-6095

CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

EROSION CONTROL DETAILS

PROJECT NO. 215081
SHEET NO. C2-501

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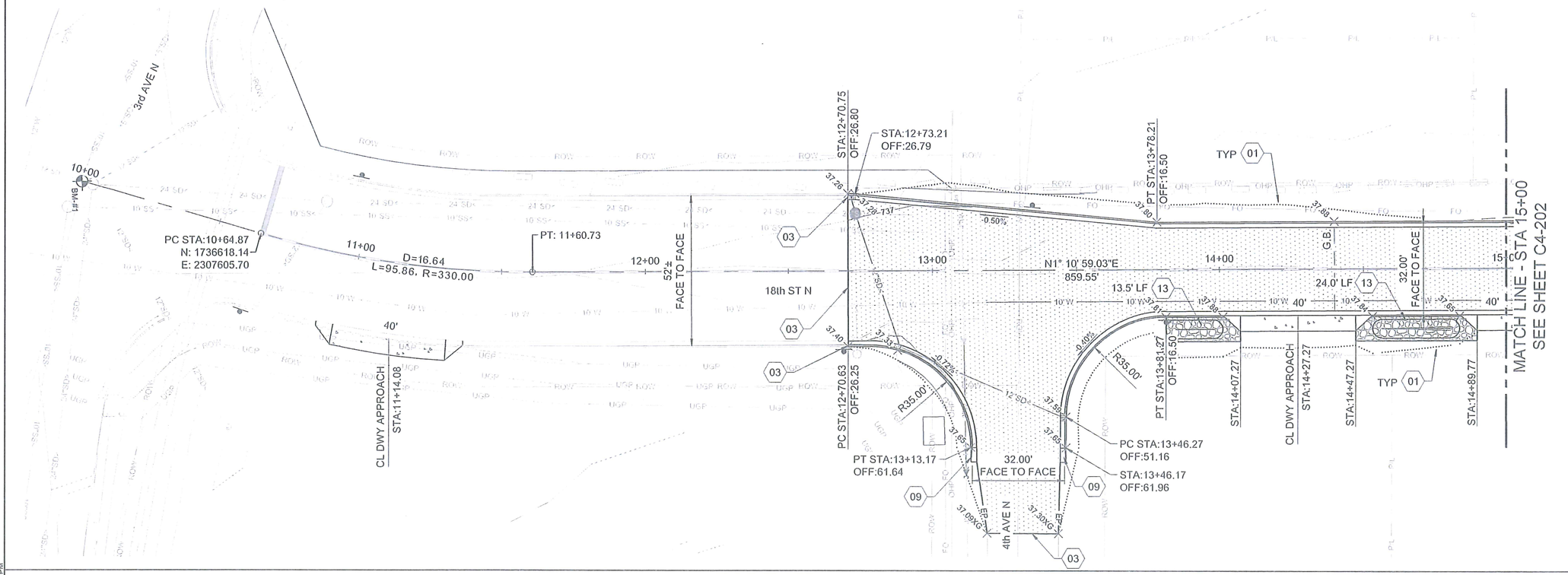

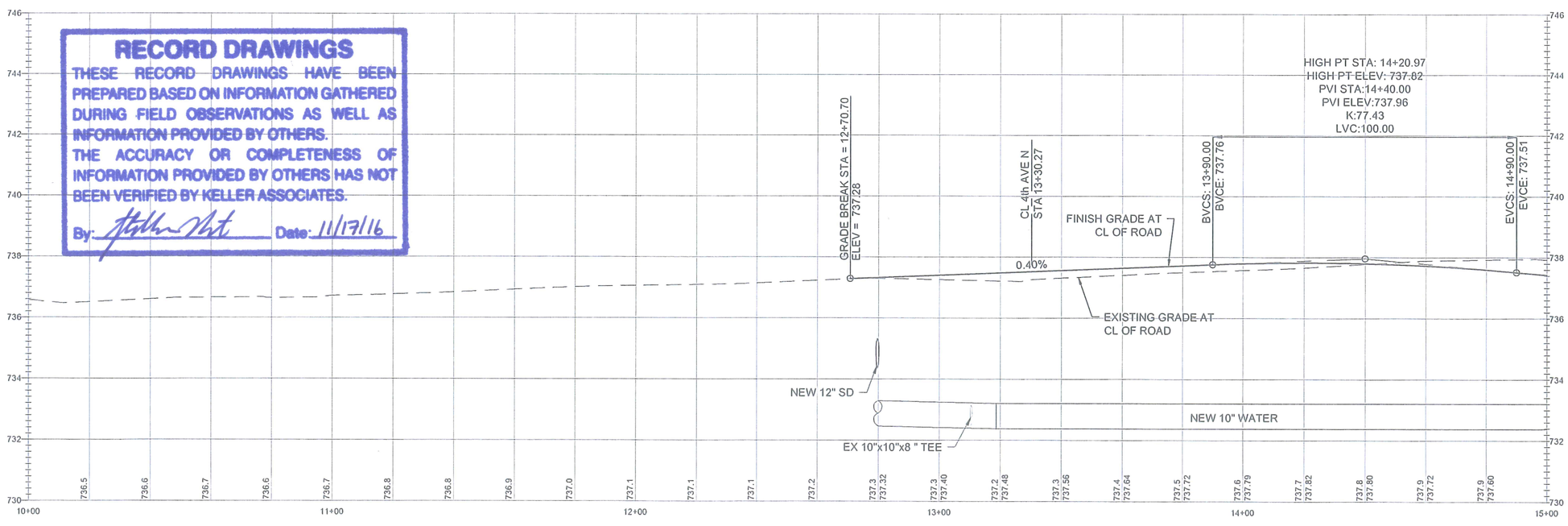

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THE ACCURACY OR COMPLETENESS OF INFORMATION PROVIDED BY OTHERS HAS NOT BEEN VERIFIED BY KELLER ASSOCIATES.

By: _____ Date: 11/17/16

GRAPHIC SCALE
HORIZ: 0 20 40
VERT: 0 2 4

SHEET KEYNOTES

01	DAYLIGHT LINE FILL
03	MATCH EXISTING
09	CURB TERMINUS; RE: ISPWC SD-707
13	STORM DRAINAGE SWALE; RE: BID DOCS & C4-301 (37.5 LF)

GENERAL SHEET NOTES

1. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED. ALL STATION OFFSETS & GRADE TAGS ARE TO BACK OF CURB.
2. CURB SLOPES ARE TO BACK OF CURB.
3. STORM DRAIN DESIGN; RE: C5-201 & C5-202
4. UTILITY DESIGN; RE: C6-101
5. SEE SHEET C4-301 FOR ROADWAY SECTIONS, INCLUDING PAVEMENT SECTION DETAIL.

LEGEND

HIGH BACK CURB &GUTTER; RE: CITY OF LEWISTON STD DWG 2-7

DRIVEWAY APPROACHES; RE: A1/C4-501

PROFESSIONAL ENGINEER LICENSED 14713 3/22/2016 STATE OF IDAHO STILLMAN NORTON

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

PLAN & PROFILE STA 10+00 - 15+00

PROJECT NO. 215081

SHEET NO. C4-201

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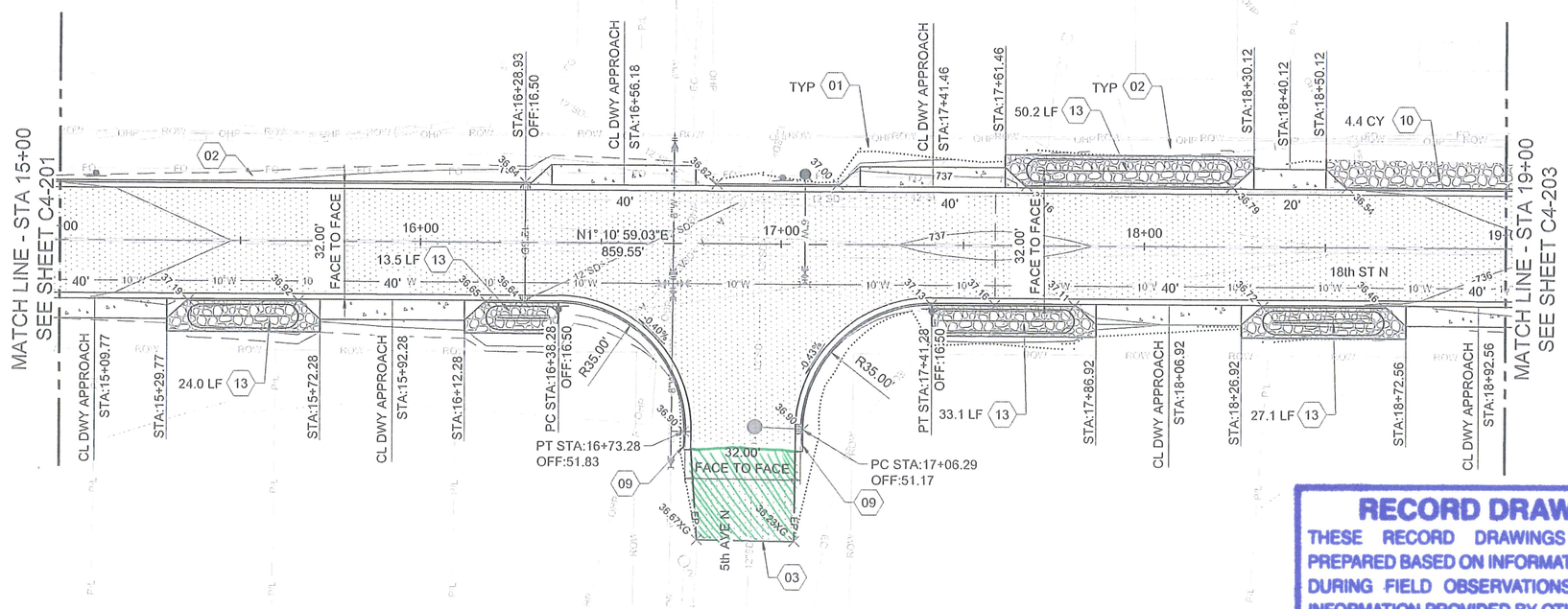

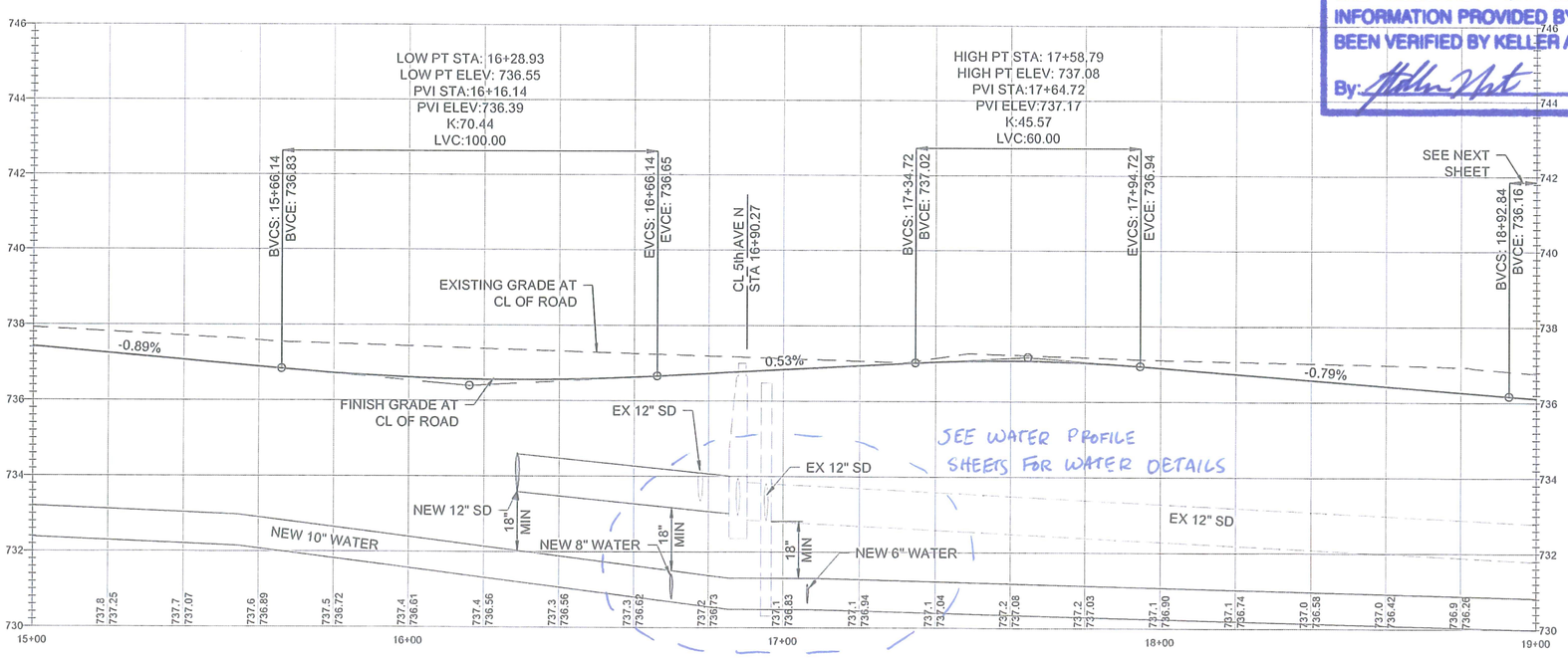

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By: [signature] Date: 11/17/16

GRAPHIC SCALE
HORIZ: 0 20 40
VERT: 0 2 4

SHEET KEYNOTES

01	DAYLIGHT LINE FILL
02	DAYLIGHT LINE CUT
03	MATCH EXISTING
09	CURB TERMINUS; RE: ISPWC SD-707
10	LANDSCAPE ROCK SURFACING; RE: B5/C4-501 (4.4 CY)
13	STORM DRAINAGE SWALE; RE: BID DOCS & C4-301 (130.4 LF)

GENERAL SHEET NOTES

1. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED. ALL STATION OFFSETS & GRADE TAGS ARE TO BACK OF CURB.
2. CURB SLOPES ARE TO BACK OF CURB.
3. STORM DRAIN DESIGN; RE: C5-201 & C5-202
4. UTILITY DESIGN; RE: C6-101
5. SEE SHEET C4-301 FOR ROADWAY SECTIONS, INCLUDING PAVEMENT SECTION DETAIL.

LEGEND

HIGH BACK CURB &GUTTER; RE: CITY OF LEWISTON STD DWG 2-7

DRIVEWAY APPROACHES; RE: A1/C4-501

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

PLAN & PROFILE STA 15+00 - 19+00

PROJECT NO. 215081

SHEET NO. C4-202

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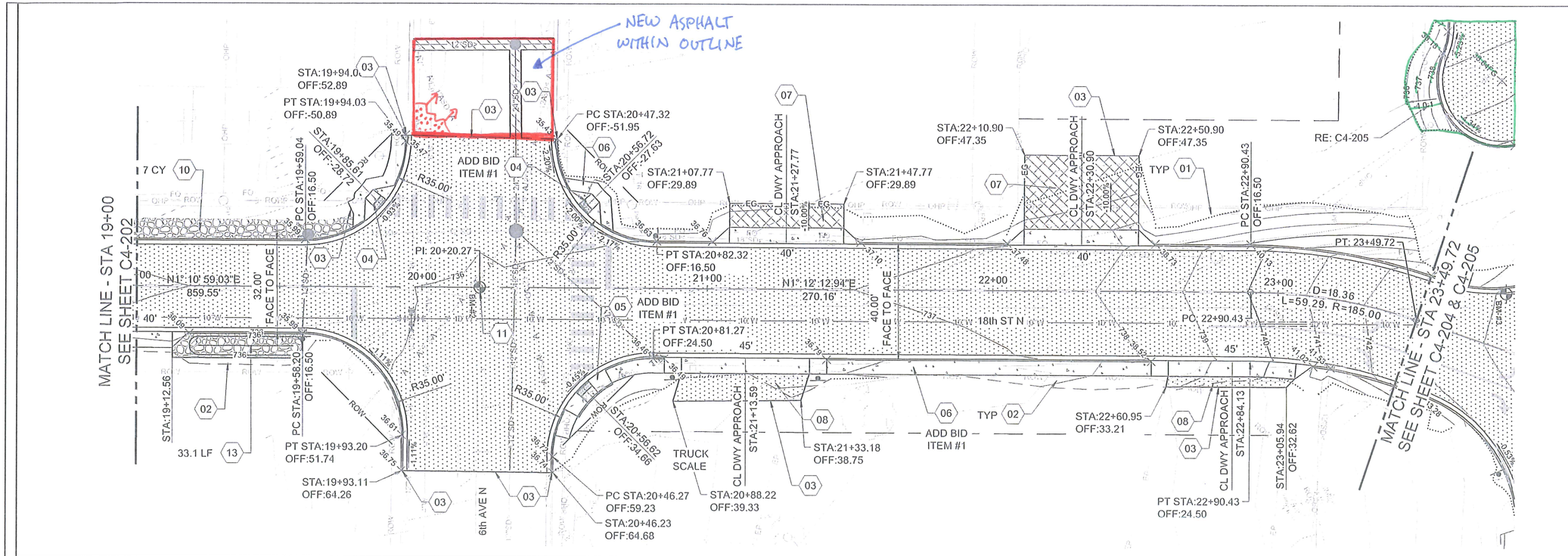

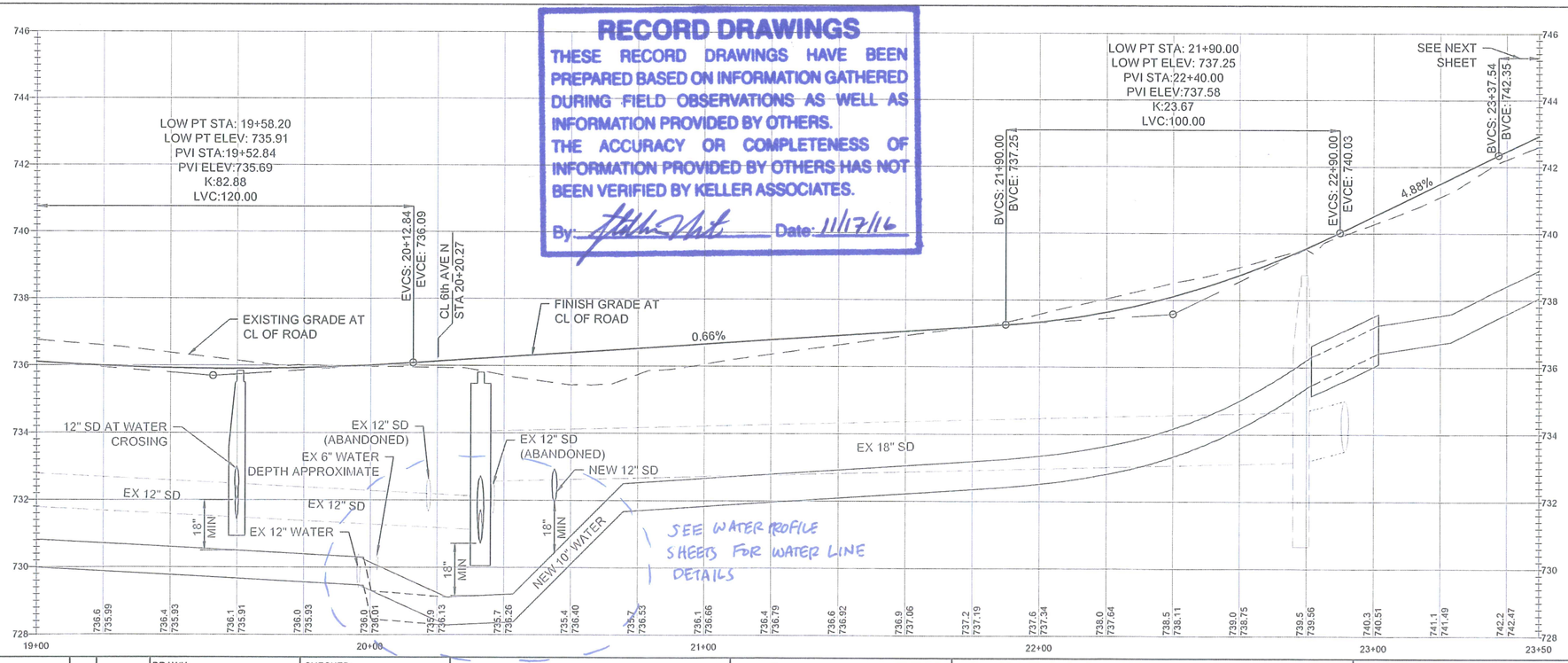

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By: [signature] Date: 11/17/16

SHEET KEYNOTES

01	DAYLIGHT LINE FILL
02	DAYLIGHT LINE CUT
03	MATCH EXISTING
04	PED RAMP TYPE 1; RE: A3/C4-501 (2)
05	PED RAMP TYPE 2; RE: A4/C4-501 (1)
06	CONCRETE SIDEWALK; RE: CITY OF LEWISTON STD DWG 2-8 (110 SY)
07	GRAVEL DRIVEWAY SECTION; RE: A5/C4-501
08	PAVED DRIVEWAY REPAIR, MATCH EXISTING SECTION
10	LANDSCAPE ROCK SURFACING; RE:B5/C4-501 (6.1 CY)
11	ADJUST MONUMENT FRAME & COVER TO FINISH GRADE WITHOUT DISTURBING MONUMENT; RE: CITY OF LEWISTON STD DWG 1-3
13	STORM DRAINAGE SWALE; RE: BID DOCS & C4-301 (33.1 LF)

GENERAL SHEET NOTES

1. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED. ALL STATION OFFSETS & GRADE TAGS ARE TO BACK OF CURB.
2. CURB SLOPES ARE TO BACK OF CURB.
3. STORM DRAIN DESIGN; RE: C5-201 & C5-202
4. UTILITY DESIGN; RE: C6-101
5. SEE SHEET C4-301 FOR ROADWAY SECTIONS, INCLUDING PAVEMENT SECTION DETAIL.

LEGEND

HIGH BACK CURB &GUTTER; RE: CITY OF LEWISTON STD DWG 2-7

DRIVEWAY APPROACHES; RE: A1/C4-501

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

PLAN & PROFILE STA 19+00 - 23+49.72

PROJECT NO. 215081

SHEET NO. C4-203

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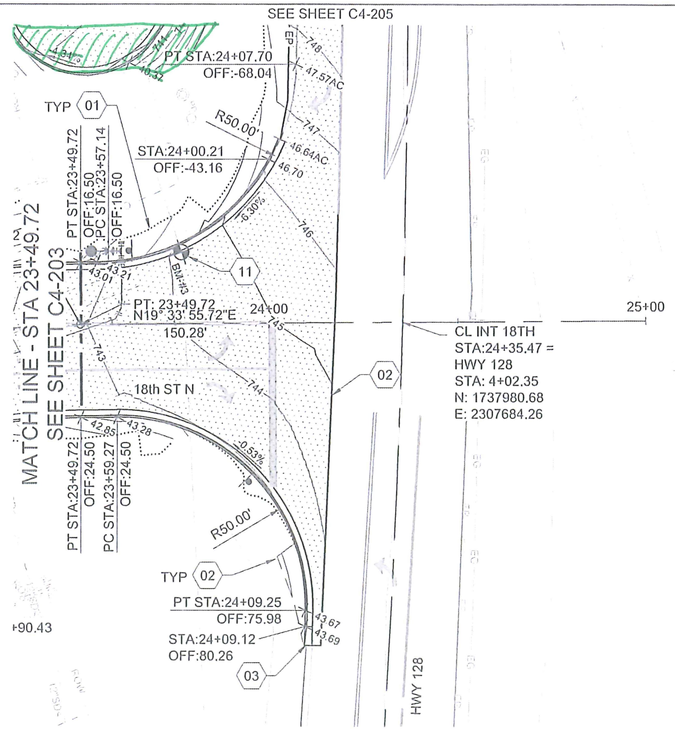

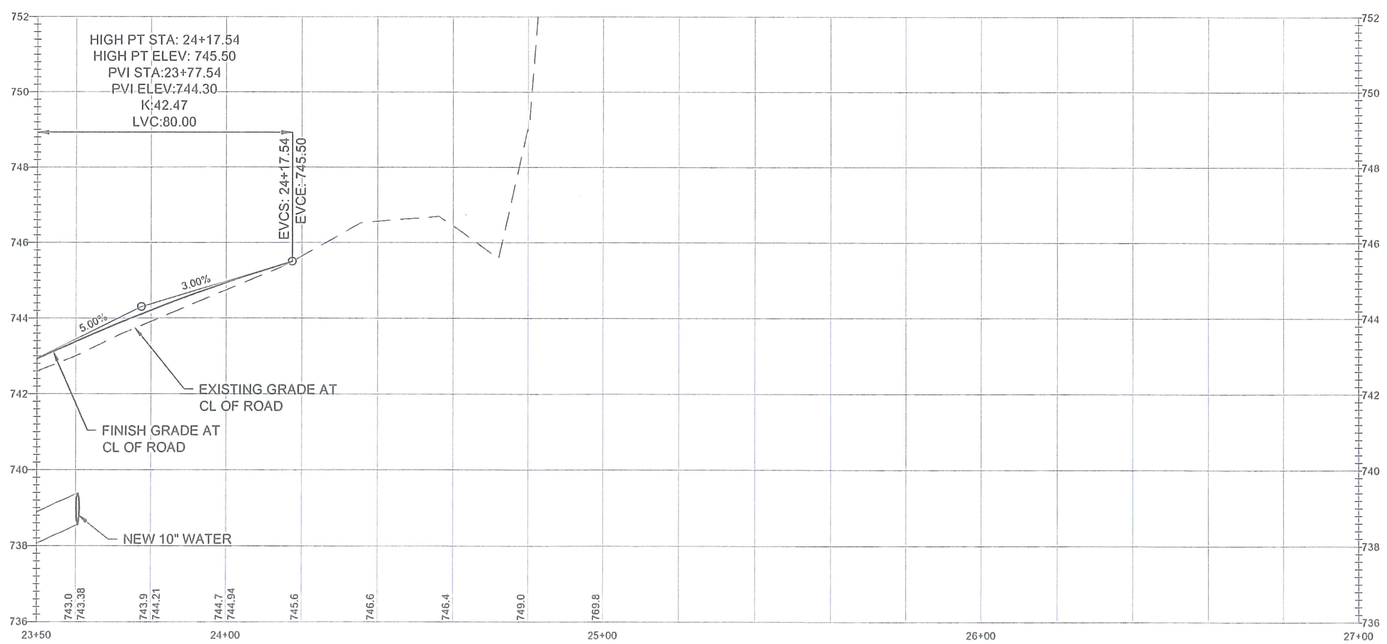

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GRAPHIC SCALE
HORIZ: 0 20 40
VERT: 0 2 4

SHEET KEYNOTES

01	DAYLIGHT LINE FILL
02	DAYLIGHT LINE CUT
03	MATCH EXISTING
11	ADJUST MONUMENT FRAME & COVER TO FINISH GRADE WITHOUT DISTURBING MONUMENT; RE: CITY OF LEWISTON STD DWG 1-3

GENERAL SHEET NOTES

1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. CURB SLOPES ARE TO BACK OF CURB.
3. STORM DRAIN DESIGN; RE: C5-201 & C5-202
4. UTILITY DESIGN; RE: C6-101
5. SEE SHEET C4-301 FOR ROADWAY SECTIONS, INCLUDING PAVEMENT SECTION DETAIL.

LEGEND

HIGH BACK CURB &GUTTER; RE: CITY OF LEWISTON STD DWG 2-7

DRIVEWAY APPROACHES; RE: A1/C4-501

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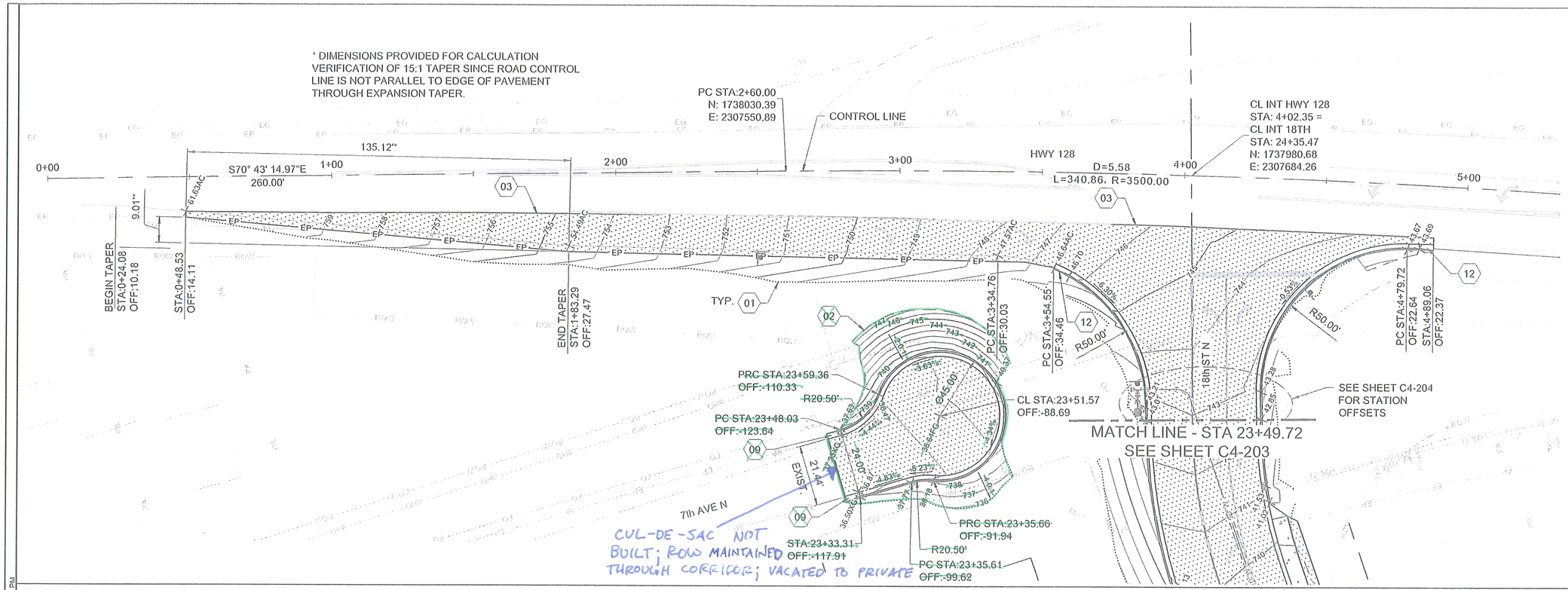
CITY OF LEWISTON
URBAN RENEWAL AGENCY

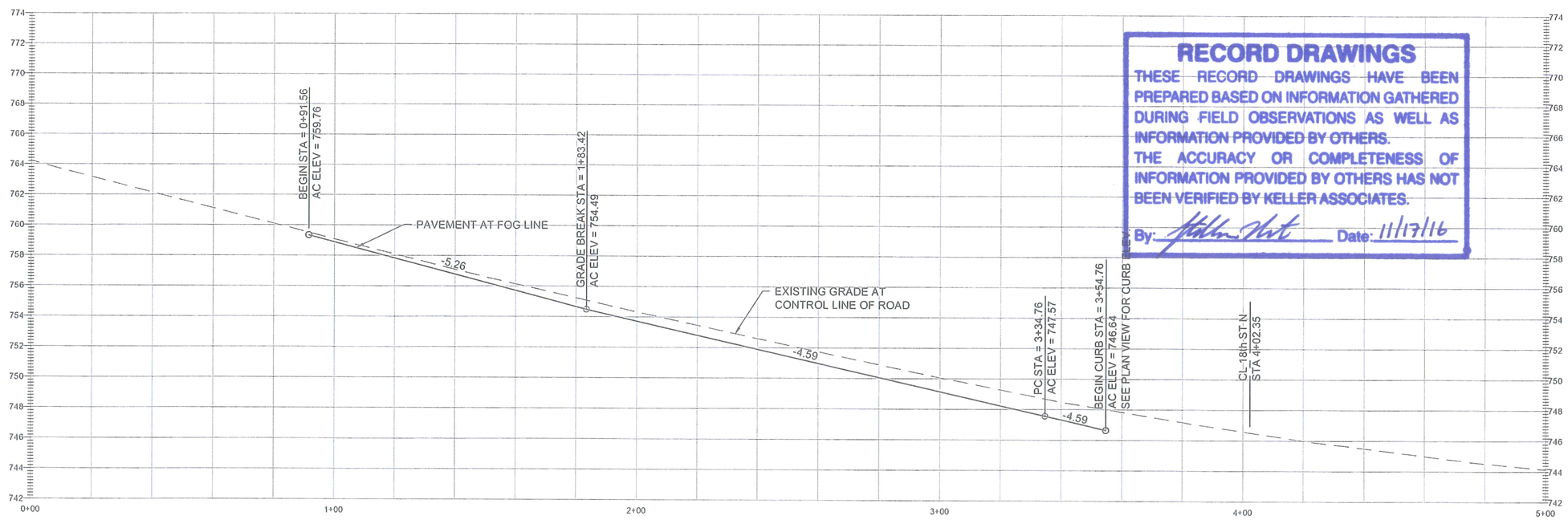
18TH STREET NORTH REBUILD

PLAN & PROFILE STA 23+49.72 - END

PROJECT NO. 215081

SHEET NO. C4-204





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By: _____ Date: 11/17/16

GRAPHIC SCALE
HORIZ. 0 20 40
VERT. 0 4 8

SHEET KEYNOTES

01	DAYLIGHT LINE FILL
02	DAYLIGHT LINE CUT
03	MATCH EXISTING
09	CURB TERMINUS; RE: ISPWC SD-707
12	ITD CURB TERMINUS; RE: ITD STD DWG 615-1 (CURB TERMINUS DETAIL)

GENERAL SHEET NOTES

1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. CURB SLOPES ARE TO BACK OF CURB.
3. STORM DRAIN DESIGN; RE: C5-201 & C5-202
4. UTILITY DESIGN; RE: C6-101
5. SEE SHEET C4-301 FOR ROADWAY SECTIONS, INCLUDING PAVEMENT SECTION DETAIL.

PROFESSIONAL ENGINEER LICENSED 14713 3/22/2016 STATE OF IDAHO STILLMAN NORTON

NO.	REVISIONS	BY	DATE

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

PLAN & PROFILE HWY 128 CURB

PROJECT NO. 215081

SHEET NO. C4-205

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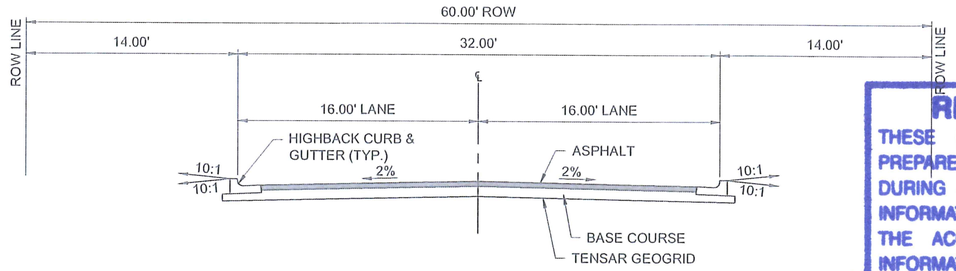

TYPICAL SECTION
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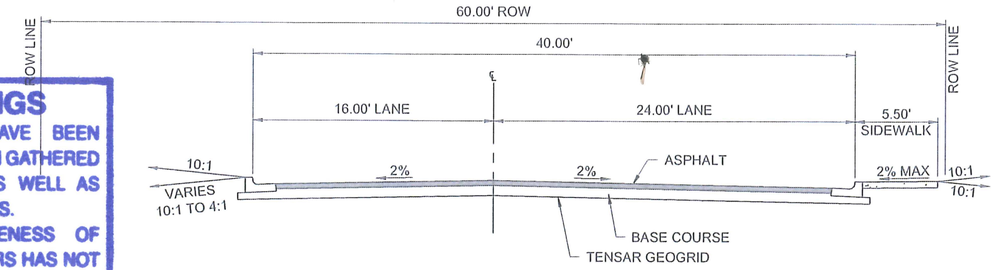
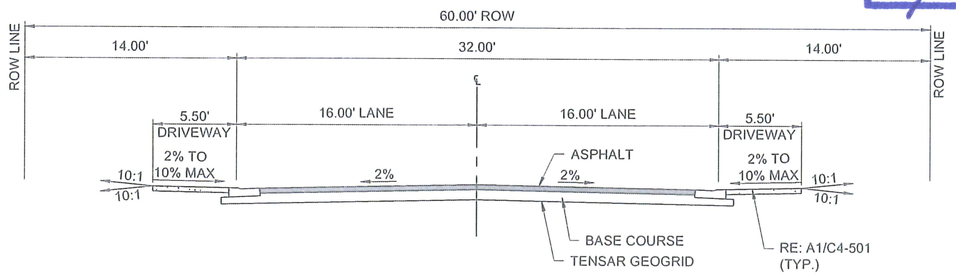
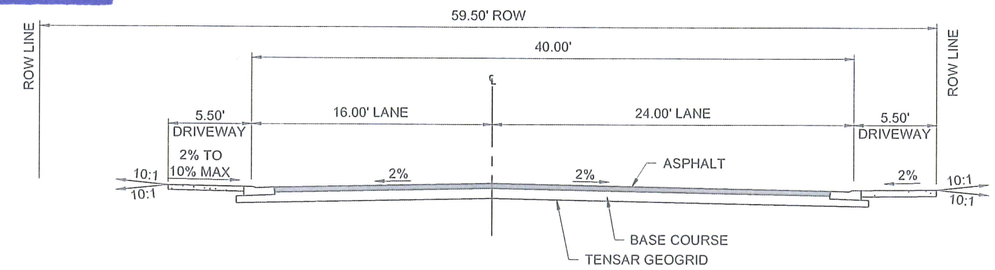


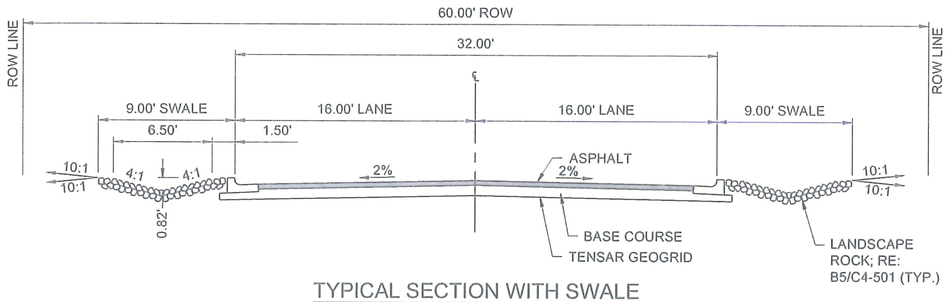
TYPICAL SECTION WITH SIDEWALK (E SIDE)
NORTH OF 6TH AVE N TO STA 23+49.72



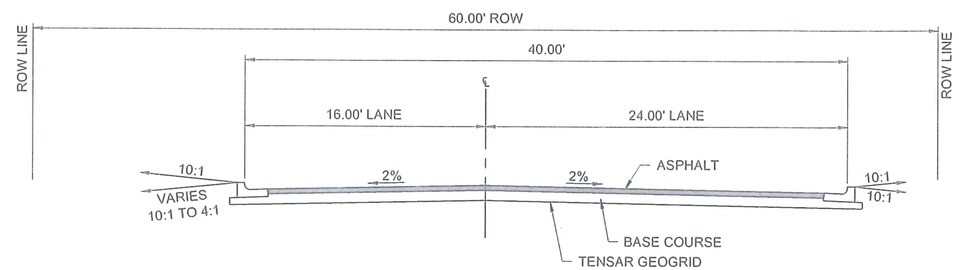
TYPICAL SECTION AT DRIVEWAYS
SOUTH OF 6TH AVE N



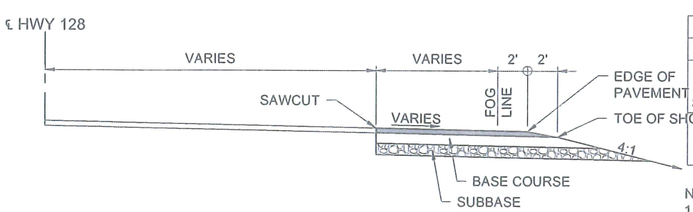
TYPICAL SECTION AT DRIVEWAYS
NORTH OF 6TH AVE N TO STA 23+49.72



TYPICAL SECTION WITH SWALE
SOUTH OF 6TH AVE N



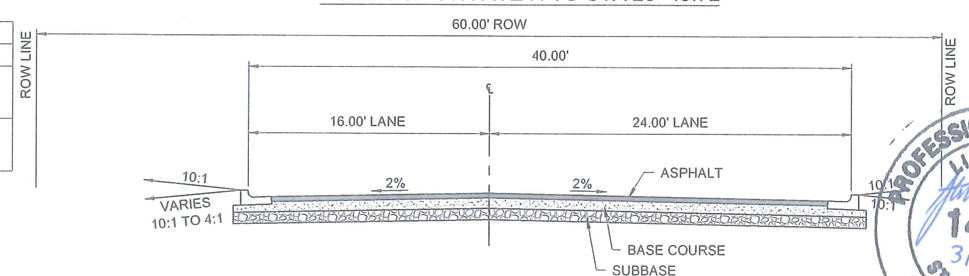
TYPICAL SECTION
NORTH OF 6TH AVE N TO STA 23+49.72



TYPICAL SECTION
HWY 128

PAVEMENT SECTIONS			
SECTION	ASPHALT	BASE COURSE	SUBBASE
REINFORCED W/ TENSAR TX-160 STA 12+70.75 TO STA 23+49.72	4"	8"	N/A
UNREINFORCED STA. 23+49.72 TO END & HIGHWAY 128 SECTION	4"	8"	9"

NOTE:
1. BASE; CRUSHED AGGREGATE COMPACTED TO 95% OF ASTM D-1557.
2. WHEN CONNECTING TO EXISTING, CUTBACK EXISTING ASPHALT A MINIMUM OF 12".
3. ASPHALT PAVEMENT REPAIR INCLUDES AGGREGATE.
4. SUBGRADE: IMPORTED OR COMMON FILL. MOISTURE CONDITION & COMPACT SUBGRADE TO 95% OF ASTM D-1557 TO 1-FOOT DEPTH.
5. RE: CITY OF LEWISTON STD DWG 3-12.



TYPICAL SECTION
STA 23+49.72 TO END

RECORD DRAWINGS
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By: [signature] Date: 11/17/16

PROFESSIONAL ENGINEER LICENSED 14713 3/22/2016 STATE OF IDAHO STILLMAN NORTON

Y:\215081 URA 18TH ST N\DESIGN\CAD\03 DESDEV\06 C CIVIL\C4-301.DWG LAST SAVED: 3/7/2016 3:29 PM PRINTED: 3/22/2016 1:29 PM

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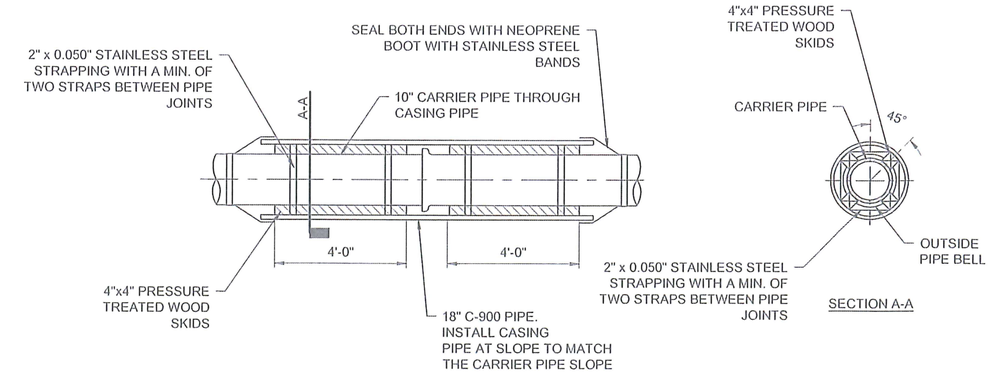
CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

TYPICAL ROADWAY SECTIONS

PROJECT NO. 215081
SHEET NO. C4-301



C4 CASING
N.T.S.

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RECORD DRAWINGS
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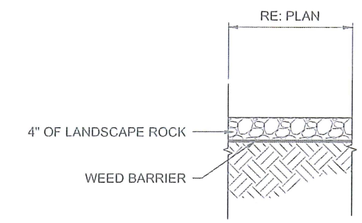
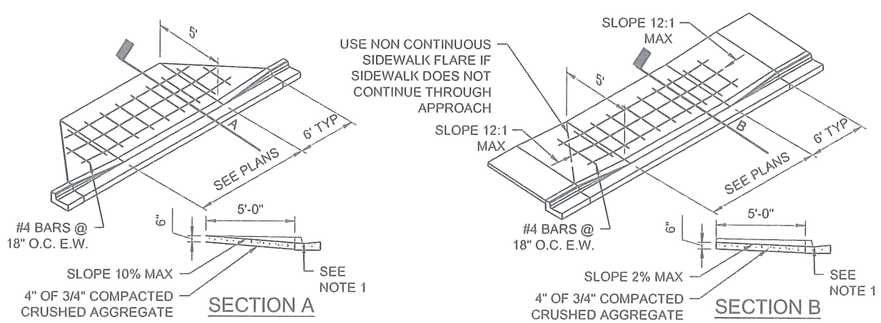
By: _____ Date: 11/17/16



NOTES:
1. SUBGRADE: IMPORTED OR COMMON FILL, MOISTURE CONDITION & COMPACT SUBGRADE TO 90% OF ASTM D-1557.

B5 LANDSCAPE ROCK SURFACING
N.T.S.

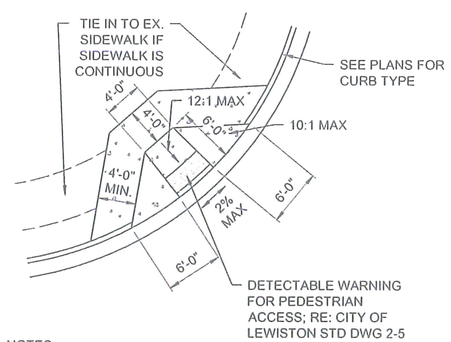


TYPE 1 (NON CONTINUOUS SIDEWALK)

TYPE 2 (CONTINUOUS SIDEWALK)

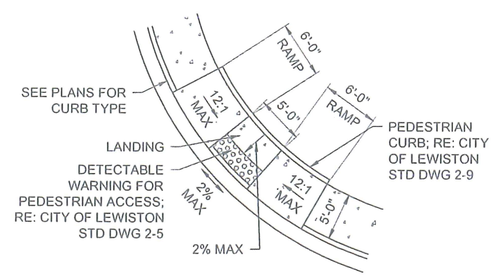
NOTES:
1. DRIVEWAY SLOPE TANGENT TO GUTTER FLOW LINE.
2. BASE MATERIALS SHALL BE 4" OF ¾" MINUS CRUSHED AGGREGATE COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY MODIFIED PROCTOR AS PER AASHTO T180. ALL FILL OR BACKFILL AREAS SHALL BE PLACED IN 6" LIFTS.
3. PLACE 3 - #4 REBARS WITHIN DRIVEWAY APPROACH (CENTER AND 9" OFF CENTER OF THE DRIVEWAY APPROACH

A1 TYPICAL DRIVEWAY APPROACHES
N.T.S.



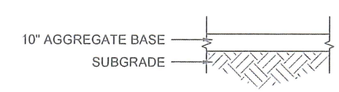
NOTES:
1. ALL RAMP SURFACES TO BE 12:1 SLOPE TO CONFORM TO ADA REQUIREMENTS
2. SEE SPECIFICATIONS FOR CONCRETE TYPE
3. BASE: 4-INCHES COMPACTED DEPTH OF CRUSHED AGGREGATE BASE COMPACTED TO 95% OF MODIFIED PROCTOR.
4. MOISTURE CONDITION AND COMPACT SUBGRADE TO 95% OF STANDARD PROCTOR (ASTM D698) TO 1 FOOT DEPTH.
5. ALL CONCRETE ADJOINING THE RADIUS WITHIN AND AROUND THE RAMPS SHALL BE 5 INCHES THICK WITH 4 INCHES OF ¾" BASE.
6. DETECTABLE WARNING PATTERN TILE SHALL BE YELLOW TRUNCATED-DOME TYPE.

A3 PEDESTRIAN RAMP TYPE 1
1/8" = 1'-0" 0 4' 8' 16'



NOTES:
1. ALL RAMP SURFACES TO BE 12:1 SLOPE TO CONFORM TO ADA REQUIREMENTS
2. SEE SPECIFICATIONS FOR CONCRETE TYPE
3. BASE: 4-INCHES COMPACTED DEPTH OF CRUSHED AGGREGATE BASE COMPACTED TO 95% OF MODIFIED PROCTOR.
4. MOISTURE CONDITION AND COMPACT SUBGRADE TO 95% OF STANDARD PROCTOR (ASTM D698) TO 1 FOOT DEPTH.
5. ALL CONCRETE ADJOINING THE RADIUS WITHIN AND AROUND THE RAMPS SHALL BE 5 INCHES THICK WITH 4 INCHES OF ¾" BASE.
6. DETECTABLE WARNING PATTERN TILE SHALL BE YELLOW TRUNCATED-DOME TYPE.

A4 PEDESTRIAN RAMP TYPE 2
1/8" = 1'-0" 0 4' 8' 16'



NOTES:
1. BASE: CRUSHED AGGREGATE COMPACTED TO 95% OF ASTM D-1557.
2. SUBGRADE: IMPORTED OR COMMON FILL, MOISTURE CONDITION & COMPACT SUBGRADE TO 95% OF ASTM D-1557 TO 1-FOOT DEPTH.

A5 GRAVEL DRIVEWAY SECTION
N.T.S.

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

ROADWAY DETAILS

PROJECT NO. 215081

SHEET NO. C4-501

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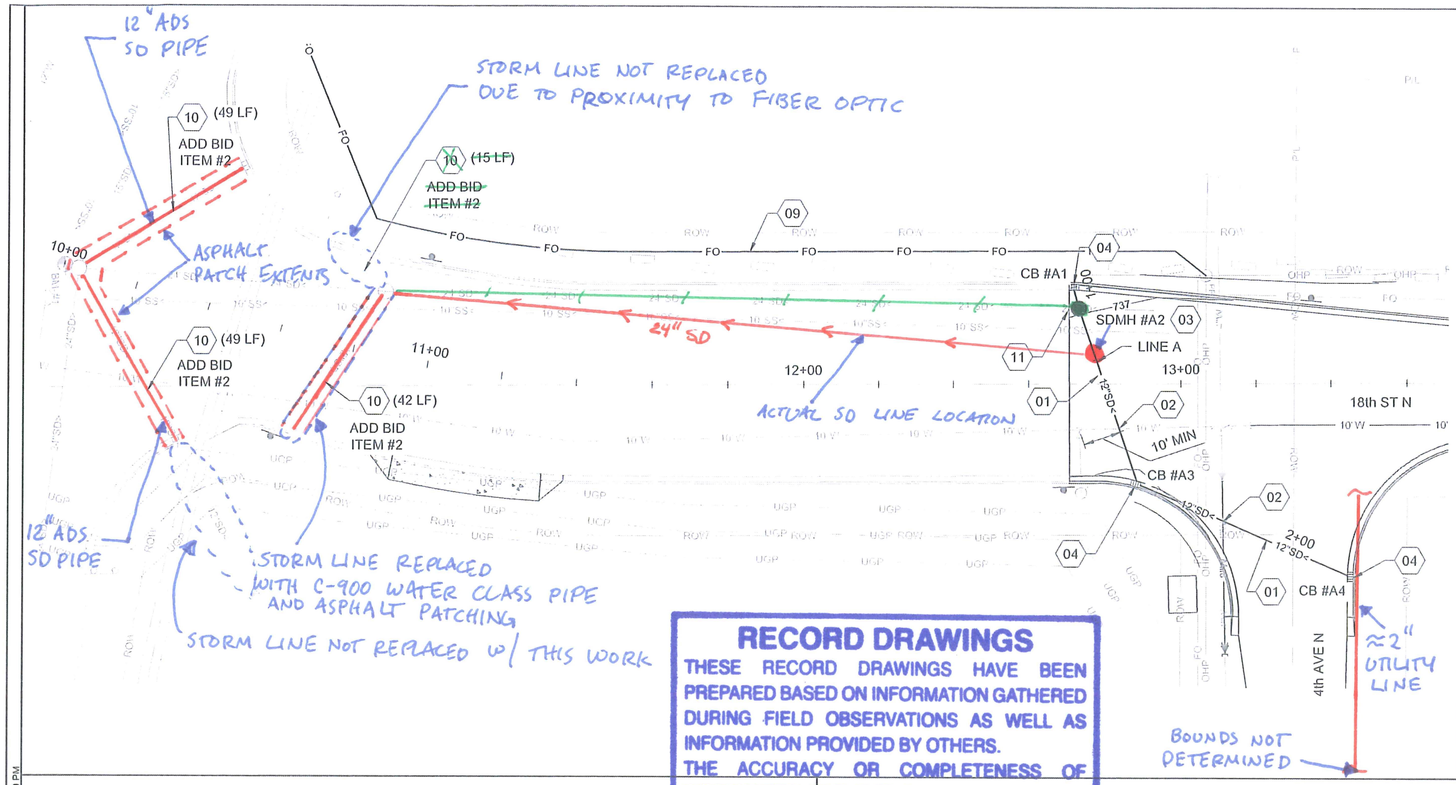

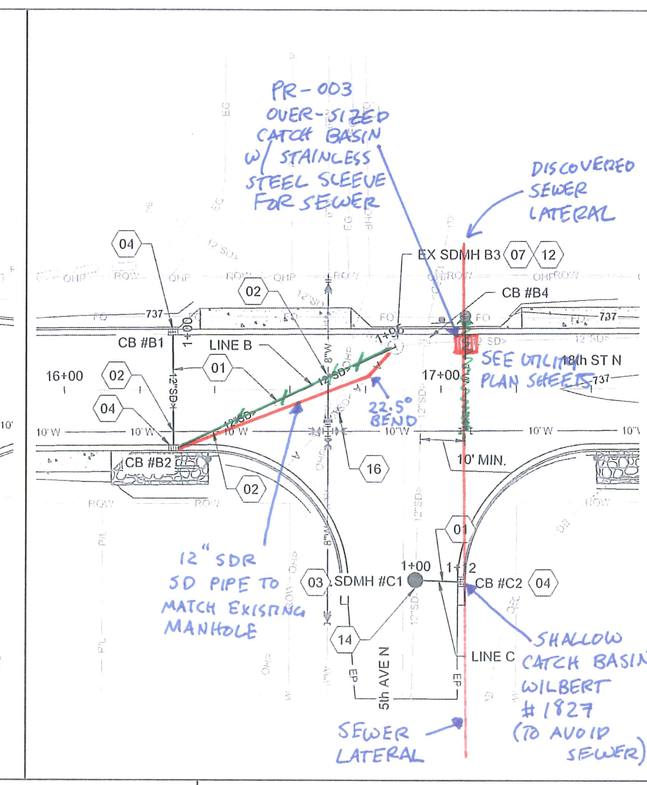

GRAPHIC SCALE
HORIZ. 0 20 40
VERT. 0 2 4

SHEET KEYNOTES

01	12" SD PIPE
02	POTABLE & NON-POTABLE WATERLINE SEPARATION; RE: CITY OF LEWISTON STD DWG 4-1
03	STORMWATER TYPE 1A MANHOLE (48"); RE: CITY OF LEWISTON STD DWG 6-3, 6-4 & 6-5 (2 EA)
04	STORMWATER TYPE 1 CATCH BASIN; RE: CITY OF LEWISTON STD DWG 6-6, 6-7 & 6-8 (6 EA)
07	CONNECT TO EXISTING STORM DRAIN STRUCTURE PER CITY OF LEWISTON STANDARDS; (RE: NOTE 3, CITY OF LEWISTON STD DWG 6-3)
09	FIBER OPTIC CABLE INSTALLED BY OTHERS
10	CIPP LINER; RE: ISPWC 509 (155 LF)
11	PRIOR TO CONSTRUCTION, CONTRACTOR TO VERIFY INVERT AND LOCATION OF EXISTING 24" PIPE. CONTRACTOR TO CONTACT ENGINEER IMMEDIATELY WITH INFORMATION FOR POSSIBLE RE-DESIGN
12	RAISE RIM TO FINISH GRADE WITH GRADE RINGS & INSTALL CONCRETE MANHOLE COLLAR; RE: CITY OF LEWISTON STD DWG 6-4 (1 EA.)
14	PRIOR TO CONSTRUCTION, CONTRACTOR TO VERIFY INVERT AND LOCATION OF EXISTING 12" PIPE. CONTRACTOR TO CONTACT ENGINEER IMMEDIATELY WITH INFORMATION FOR POSSIBLE RE-DESIGN
16	PLUG AND ABANDON EXISTING 12" SD PIPE. FILL PIPE WITH CONTROLLED DENSITY FILL (CDF).

RECORD DRAWINGS

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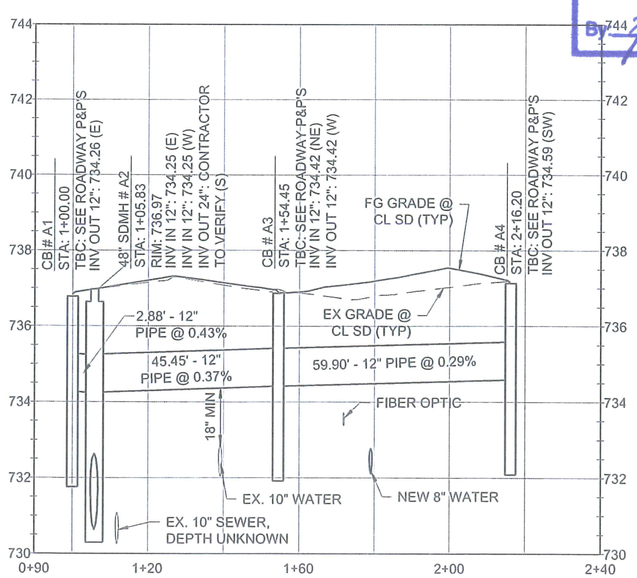
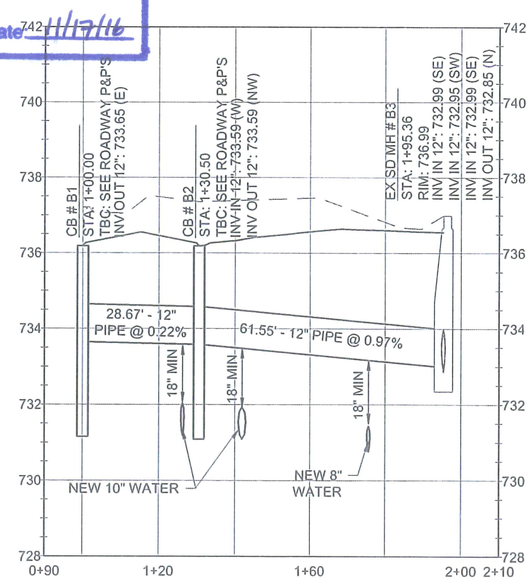
By: Stillman Norton Date: 11/17/16



PROFILE LINE A



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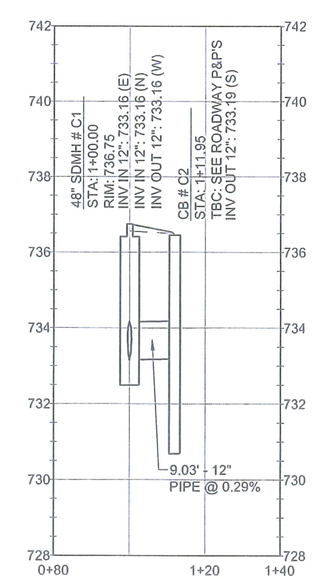

PROFILE LINE C

GENERAL SHEET NOTES

1. ALL STORM DRAIN CONSTRUCTION TO CONFORM TO THE CITY OF LEWISTON PUBLIC WORKS DEPARTMENT STANDARDS.
2. ALL UTILITY TRENCH BACKFILL SHALL BE CLASS 'D' PER CITY OF LEWISTON STD DWG 1-6, UNLESS OTHERWISE NOTED.

PROFESSIONAL ENGINEER LICENSED 14713 3/22/2016 STATE OF IDAHO STILLMAN NORTON

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

STORM DRAIN PLAN & PROFILE LINE A, B & C

PROJECT NO. 215081
SHEET NO. C5-201

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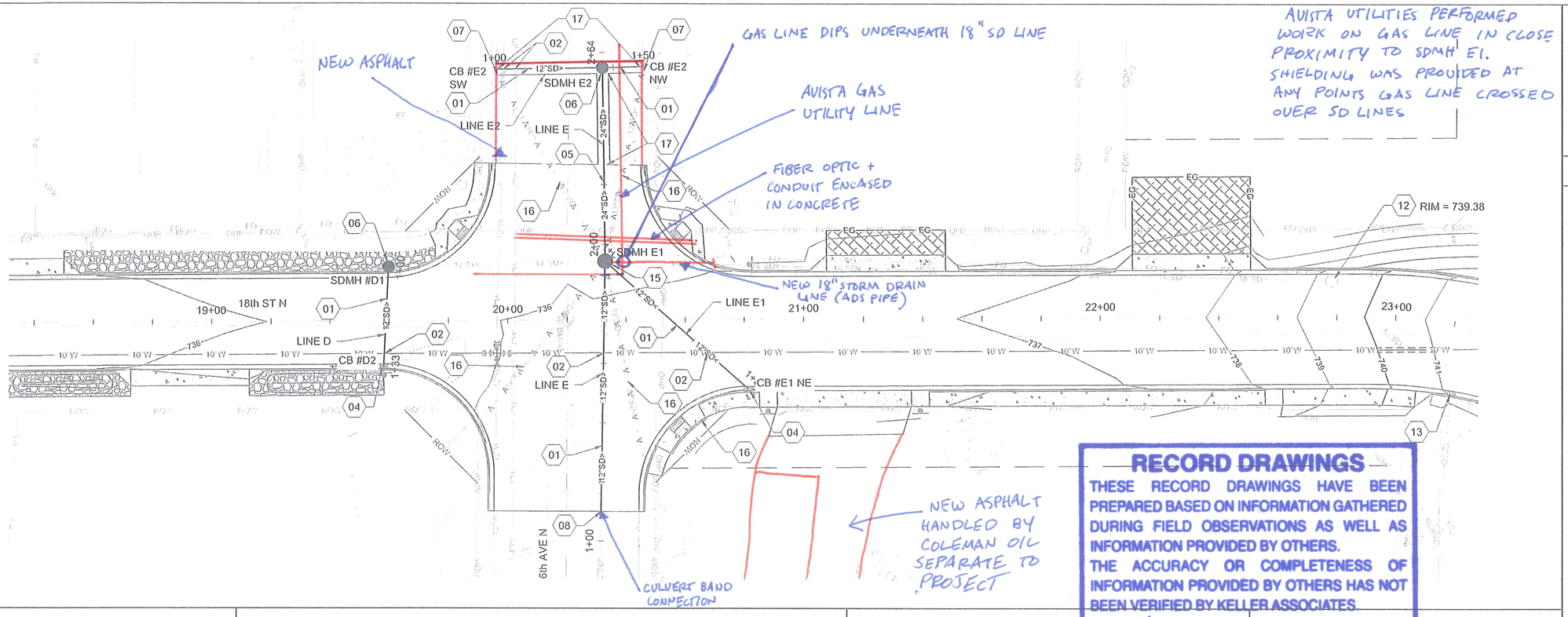

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By: [signature] Date: 11/17/16

GRAPHIC SCALE
HORIZ: 0 20 40
VERT: 0 2 4

SHEET KEYNOTES

01	12" SD PIPE
02	POTABLE & NON-POTABLE WATERLINE SEPARATION; RE: CITY OF LEWISTON STD DWG 4-1
04	STORMWATER TYPE 1 CATCH BASIN; RE: CITY OF LEWISTON STD DWG 6-6, 6-7 & 6-8 (2 EA)
05	24" SD PIPE
06	STORMWATER TYPE 1 MANHOLE (48"); RE: CITY OF LEWISTON STD DWG 6-2, 6-4 & 6-5 (2 EA.)
07	CONNECT TO EXISTING STORM DRAIN STRUCTURE PER CITY OF LEWISTON STANDARDS; (RE: CITY OF LEWISTON STD DWG 6-6, 6-7 & 6-8)
08	CONNECT TO EXISTING PIPE
12	RAISE RIM TO FINISH GRADE WITH GRADE RINGS & INSTALL CONCRETE MANHOLE COLLAR; RE: CITY OF LEWISTON STD DWG 6-4
13	ADJUST EXISTING INLET STRUCTURE AS NECESSARY TO ALIGN WITH NEW CURB & GUTTER SECTION
15	STORMWATER TYPE 1A MANHOLE (60"); RE: CITY OF LEWISTON STD DWG 6-3, 6-4 & 6-5 (1 EA)
16	PLUG AND ABANDON EXISTING 12" SD PIPE. FILL PIPE WITH CONTROLLED DENSITY FILL (CDF).
17	CLASS 'F' BACKFILL; RE: CITY OF LEWISTON STD DWG 1-7

GENERAL SHEET NOTES

1. ALL STORM DRAIN CONSTRUCTION TO CONFORM TO THE CITY OF LEWISTON PUBLIC WORKS DEPARTMENT STANDARDS.
2. ALL UTILITY TRENCH BACKFILL SHALL BE CLASS 'D' PER CITY OF LEWISTON STD DWG 1-6, UNLESS OTHERWISE NOTED.

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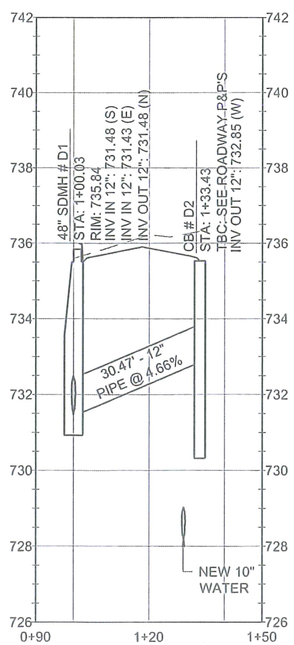
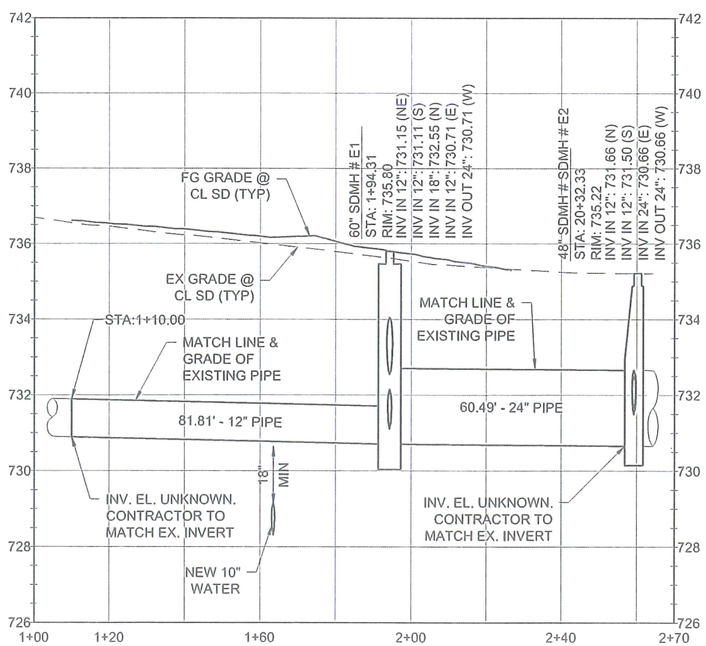


PROFILE LINE D



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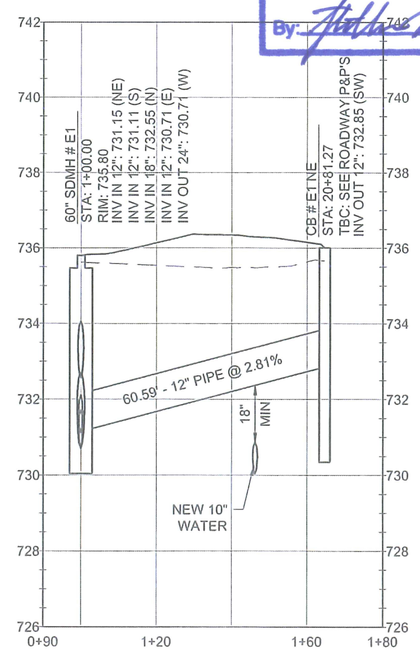

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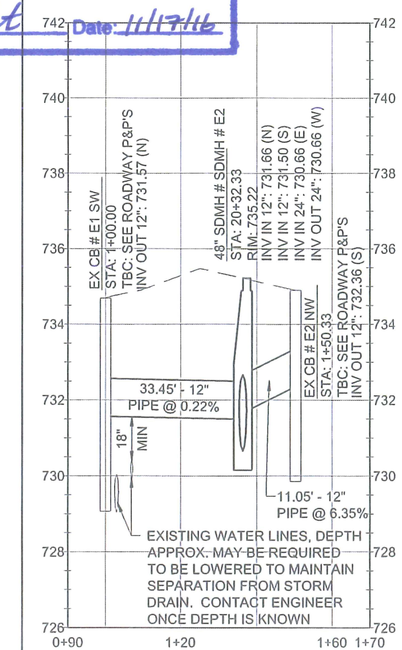

PROFILE LINE E2

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

STORM DRAIN PLAN & PROFILE LINE D & E

PROJECT NO. 215081

SHEET NO. C5-202

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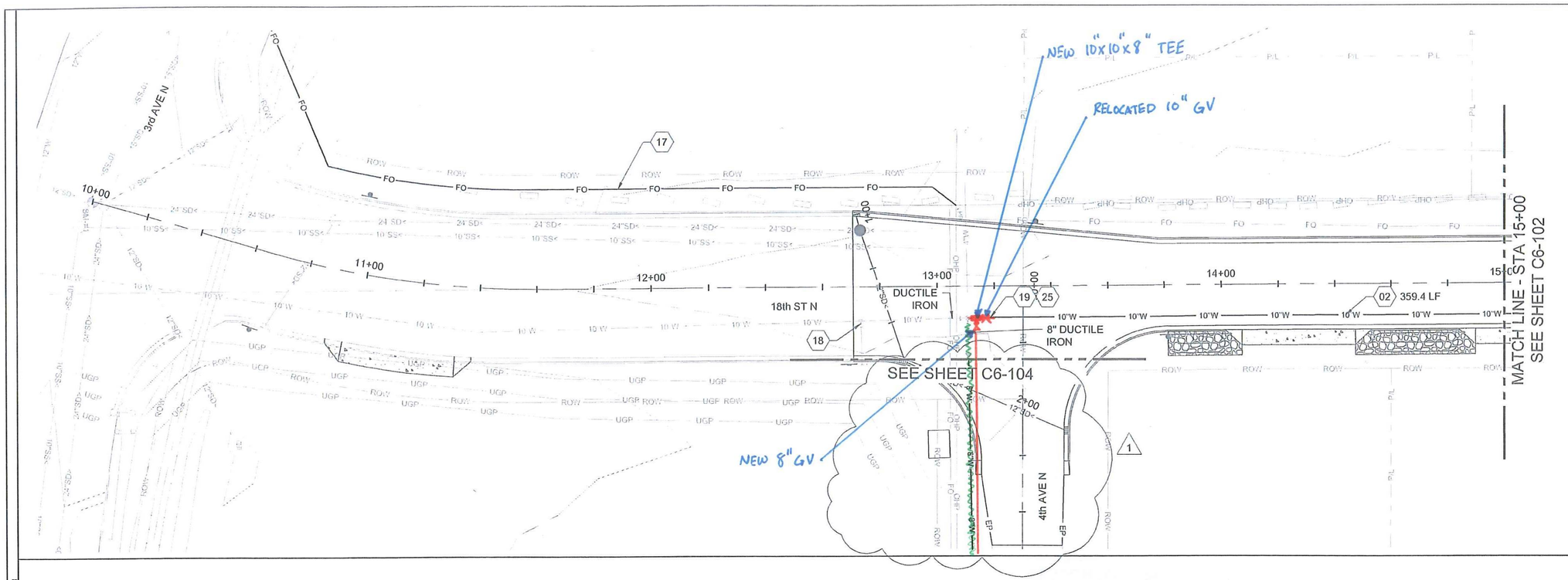

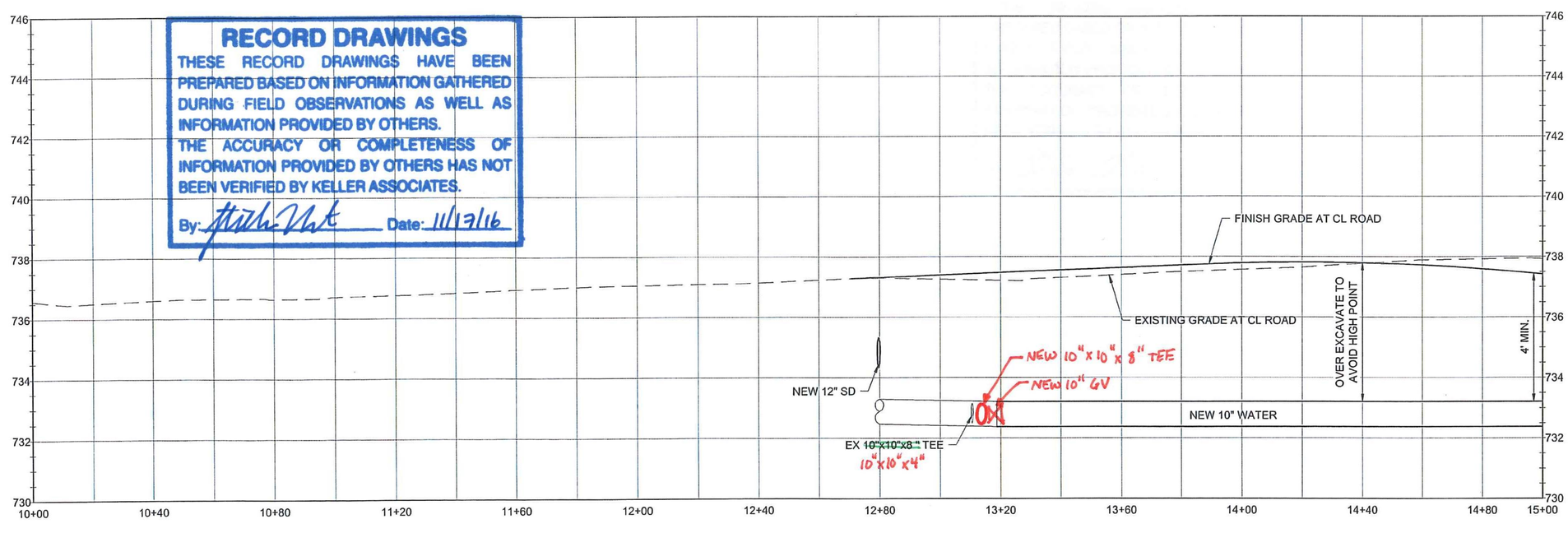

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By: [signature] Date: 11/17/16

GRAPHIC SCALE
HORIZ: 0 20 40
VERT: 0 2 4

SHEET KEYNOTES

01	PIPE - 8" WATER - D.I.
02	PIPE - 10" WATER - D.I.
07	FITTING - 8"x4" REDUCER
15	POTABLE & NON-POTABLE WATERLINE SEPARATION; RE: CITY OF LEWISTON STD DWG 4-1
17	FIBER OPTIC CABLE INSTALLED BY OTHERS
18	ADJUST EXISTING VALVE CAN TO FINISH GRADE & INSTALL CONCRETE COLLAR; RE: CITY OF LEWISTON STD DWG 1-40
19	CONNECT TO EXISTING WATER PIPE
25	REMOVE EXISTING FITTING

PROFESSIONAL ENGINEER LICENSED 14713 5/26/2016 STATE OF IDAHO STILLMAN NORTON

GENERAL SHEET NOTES

1. BURY WATER MIN. OF 4' FOR FREEZE PROTECTION.
2. PIPE DISTANCES ARE MEASURE FROM CENTER OF FITTING TO CENTER OF FITTING.
3. INSTALL ALL THRUST BLOCKING PER CITY OF LEWISTON STD. DWG 4-4 "THRUST BLOCKING DETAIL".
4. INSTALL FITTING TO DEFLECT WATER PIPE VERTICALLY & HORIZONTALLY WHERE SHOWN. WHERE BEND IS LESS THAN 50% OF SMALLEST AVAILABLE FITTING ANGLE, BEND THE PIPE RATHER THAN DEFLECT THE JOINT TO ACHIEVE SMALL CHANGES IN DIRECTION. DO NOT EXCEED ON-HALF OF MANUFACTURER'S RECOMMENDATIONS.
5. ALL UTILITY TRENCH BACKFILL SHALL BE CLASS 'D' PER CITY OF LEWISTON STD DWG 1-6, UNLESS OTHERWISE NOTED.
6. See note 6 on sheet C6-103

NO.	REVISIONS	BY	DATE
1	ADD SHEET FOR WATER LINE	IC	5-26-16

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

UTILITY PLAN & PROFILE STA 10+00 - 15+00

PROJECT NO. 215081
SHEET NO. C6-101

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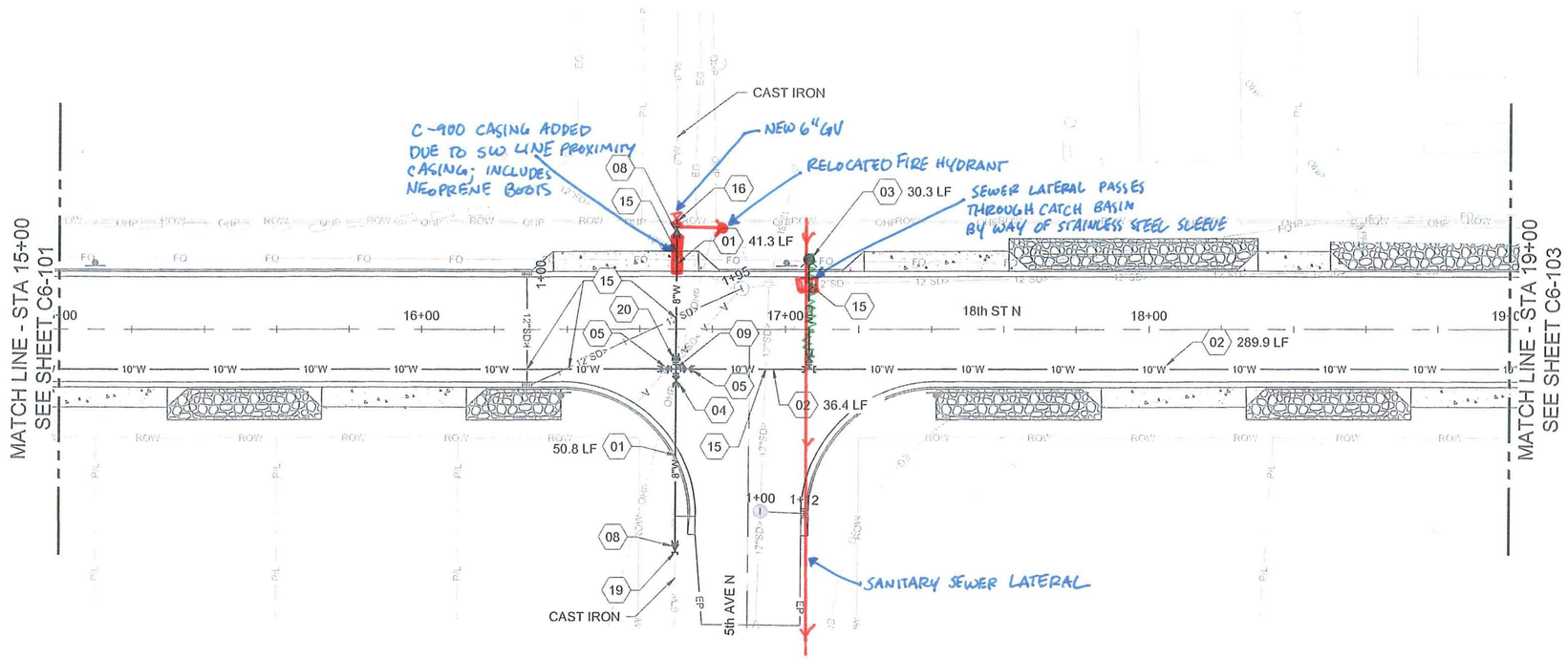

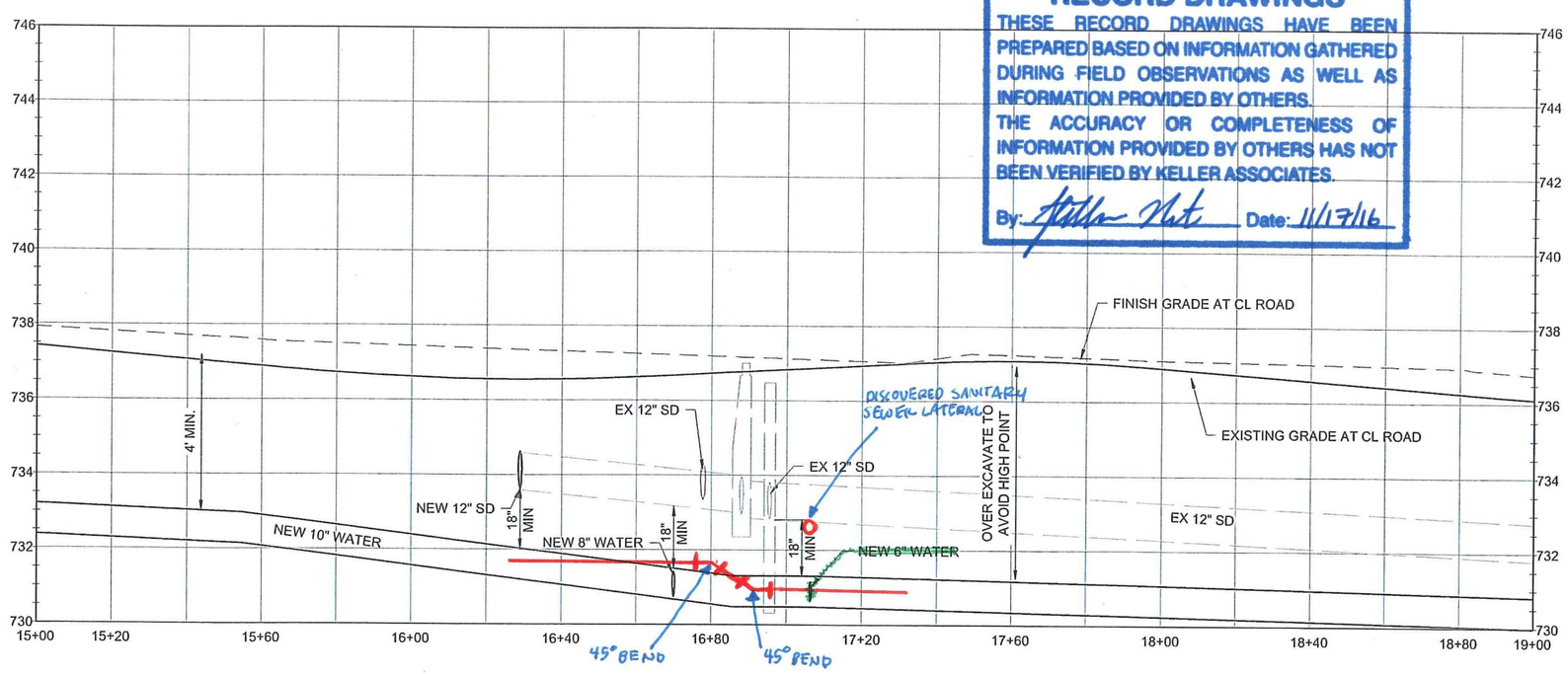

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By: Stillman Norton Date: 11/17/16

GRAPHIC SCALE
HORIZ: 0 20 40
VERT: 0 2 4

SHEET KEYNOTES

01	PIPE - 8" WATER
02	PIPE - 10" WATER
03	FIRE HYDRANT W/ SHUT-OFF VALVE; RE: CITY OF LEWISTON STD DWG 4-12
04	FITTING - 8" GATE VALVE; RE: CITY OF LEWISTON STD DWG 4-2
05	FITTING - 10" GATE VALVE; RE: CITY OF LEWISTON STD DWG 4-2
08	FITTING - 8"x6" REDUCER
09	FITTING 10"x8" CROSS
15	POTABLE & NON-POTABLE WATERLINE SEPARATION; RE: CITY OF LEWISTON STD DWG 4-1
16	CONNECT TO EXISTING VALVE
19	CONNECT TO EXISTING WATER PIPE
20	FITTING - 8" COUPLING

PROFESSIONAL ENGINEER LICENSED 14713 3/22/2016 STATE OF IDAHO STILLMAN NORTON

GENERAL SHEET NOTES

1. BURY WATER MIN. OF 4' FOR FREEZE PROTECTION.
2. PIPE DISTANCES ARE MEASURE FROM CENTER OF FITTING TO CENTER OF FITTING.
3. INSTALL ALL THRUST BLOCKING PER CITY OF LEWISTON STD. DWG 4-4 "THRUST BLOCKING DETAIL".
4. INSTALL FITTING TO DEFLECT WATER PIPE VERTICALLY & HORIZONTALLY WHERE SHOWN. WHERE BEND IS LESS THAN 50% OF SMALLEST AVAILABLE FITTING ANGLE, BEND THE PIPE RATHER THAN DEFLECT THE JOINT TO ACHIEVE SMALL CHANGES IN DIRECTION. DO NOT EXCEED ON-HALF OF MANUFACTURER'S RECOMMENDATIONS.
5. ALL UTILITY TRENCH BACKFILL SHALL BE CLASS 'D' PER CITY OF LEWISTON STD DWG 1-6, UNLESS OTHERWISE NOTED.
6. See note 6 on sheet C6-103

NO.	REVISIONS	BY	DATE

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KELLER associates
733 5th Street, Suite A
Clarkston, Washington 99403
(509) 295-6095

CITY OF LEWISTON
URBAN RENEWAL AGENCY

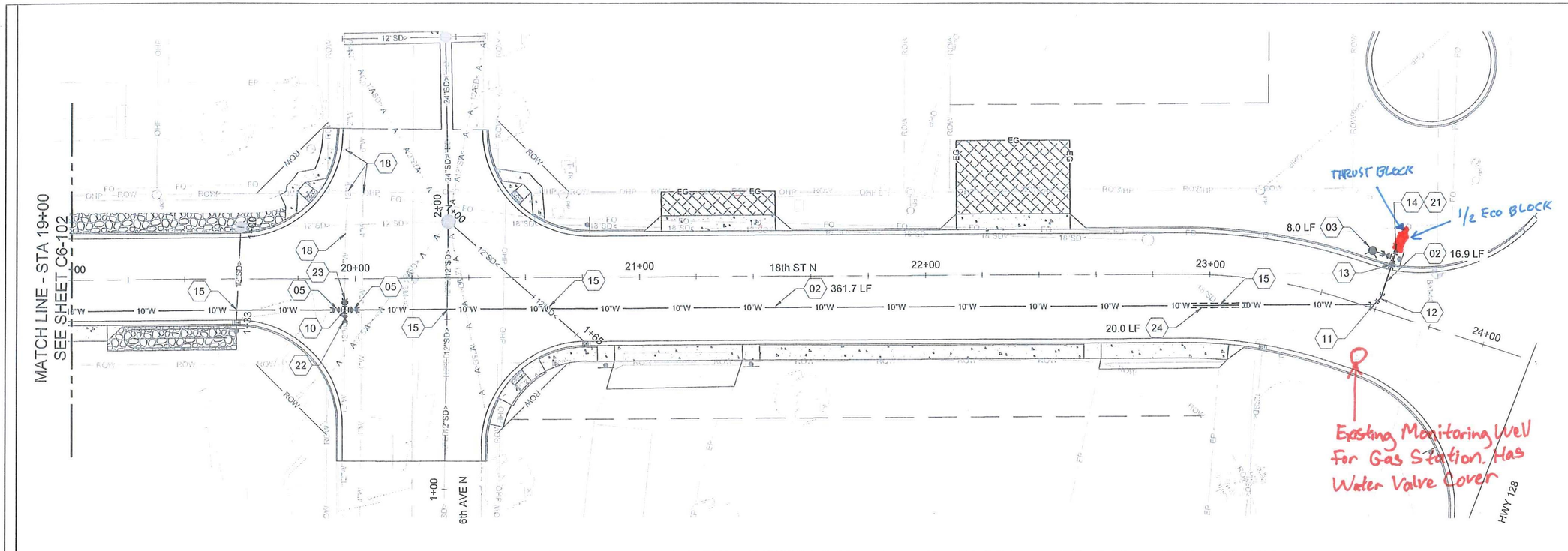
18TH STREET NORTH REBUILD

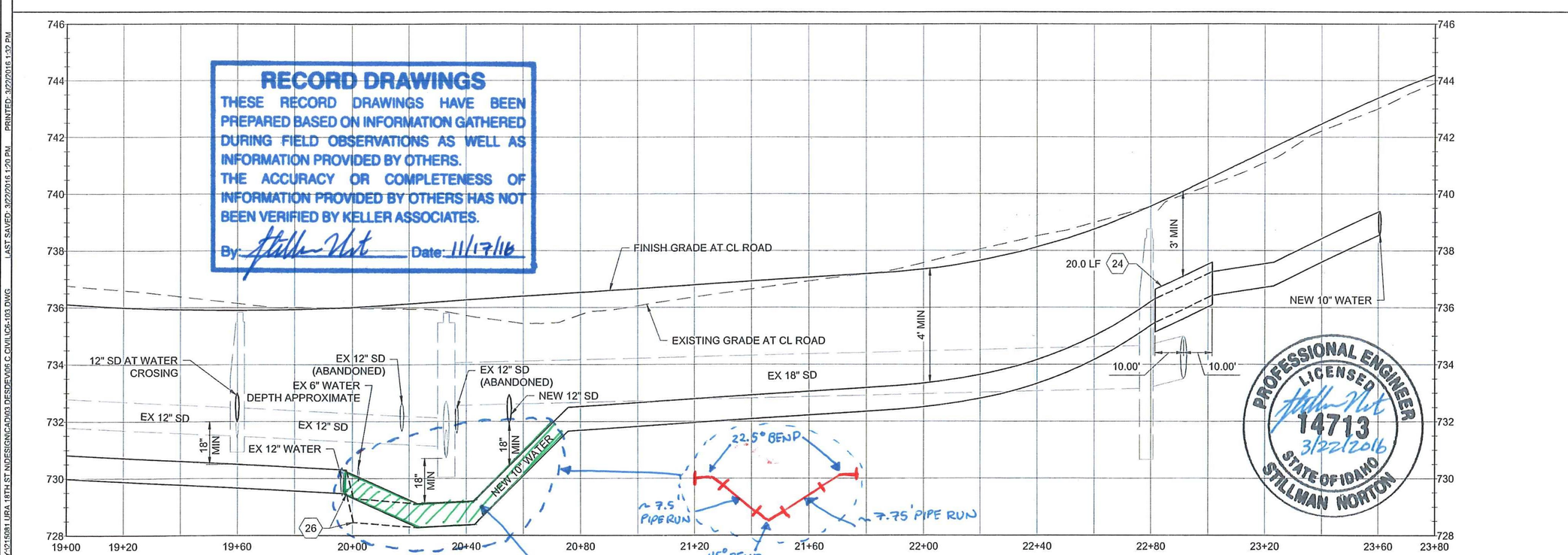
UTILITY PLAN & PROFILE STA 15+00 - 19+00

PROJECT NO. 215081

SHEET NO. C6-102

Y:\215081 URA 18TH ST N\DESIGN\CAD\03 DESDEV\06 C CIVIL\C6-102.DWG LAST SAVED: 3/22/2016 1:02 PM PRINTED: 3/22/2016 1:32 PM





RECORD DRAWINGS

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By: Stillman Norton Date: 11/17/16

PROFESSIONAL ENGINEER LICENSED 14713 3/22/2016 STATE OF IDAHO STILLMAN NORTON

GRAPHIC SCALE
HORIZ: 0 20 40
VERT: 0 2 4

SHEET KEYNOTES

02	PIPE - 10" WATER D.I.
03	FIRE HYDRANT W/ SHUT-OFF VALVE; RE: CITY OF LEWISTON STD DWG 4-12
05	FITTING - 10" GATE VALVE; RE: CITY OF LEWISTON STD DWG 4-2
10	FITTING - 12"x10" CROSS
11	FITTING - 10" 45° BEND
12	FITTING - 10" 22.5° BEND
13	FITTING - 10" COUPLING
14	~~FITTING - 10" BLIND FLANGE~~ 10" END CAP
15	POTABLE & NON-POTABLE WATERLINE SEPARATION; RE: CITY OF LEWISTON STD DWG 4-1
18	ADJUST EXISTING VALVE CAN TO FINISH GRADE & INSTALL CONCRETE COLLAR; RE: CITY OF LEWISTON STD DWG 1-40
21	UTILITY MARKER LOCATION; RE: CITY OF LEWISTON STD DWG 4-5
22	FITTING - 12" GATE VALVE; CITY OF LEWISTON STD DWG 4-2
23	FITTING - 12" COUPLING
24	CASING (18"); RE: C4/C4-501
26	OPTIONAL VERTICAL ALIGNMENT. 22.5° ELBOWS MAY BE REQUIRED IF EXISTING 6" WATER DEPTH CAUSES INSTALLATION PROBLEMS

GENERAL SHEET NOTES

1. BURY WATER MIN. OF 4' FOR FREEZE PROTECTION.
2. PIPE DISTANCES ARE MEASURE FROM CENTER OF FITTING TO CENTER OF FITTING.
3. INSTALL ALL THRUST BLOCKING PER CITY OF LEWISTON STD. DWG 4-4 "THRUST BLOCKING DETAIL".
4. INSTALL FITTING TO DEFLECT WATER PIPE VERTICALLY & HORIZONTALLY WHERE SHOWN. WHERE BEND IS LESS THAN 50% OF SMALLEST AVAILABLE FITTING ANGLE, BEND THE PIPE RATHER THAN DEFLECT THE JOINT TO ACHIEVE SMALL CHANGES IN DIRECTION. DO NOT EXCEED ON-HALF OF MANUFACTURER'S RECOMMENDATIONS.
5. ALL UTILITY TRENCH BACKFILL SHALL BE CLASS 'D' PER CITY OF LEWISTON STD DWG 1-6, UNLESS OTHERWISE NOTED.
6. Water main shall be D.I. compliance with ANSI/AWWA C151, Class 350 cement-mortar lined in accordance with AWWA C104

NO.	REVISIONS	BY	DATE

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

UTILITY PLAN & PROFILE STA 19+00 - END

PROJECT NO. 215081
SHEET NO. C6-103

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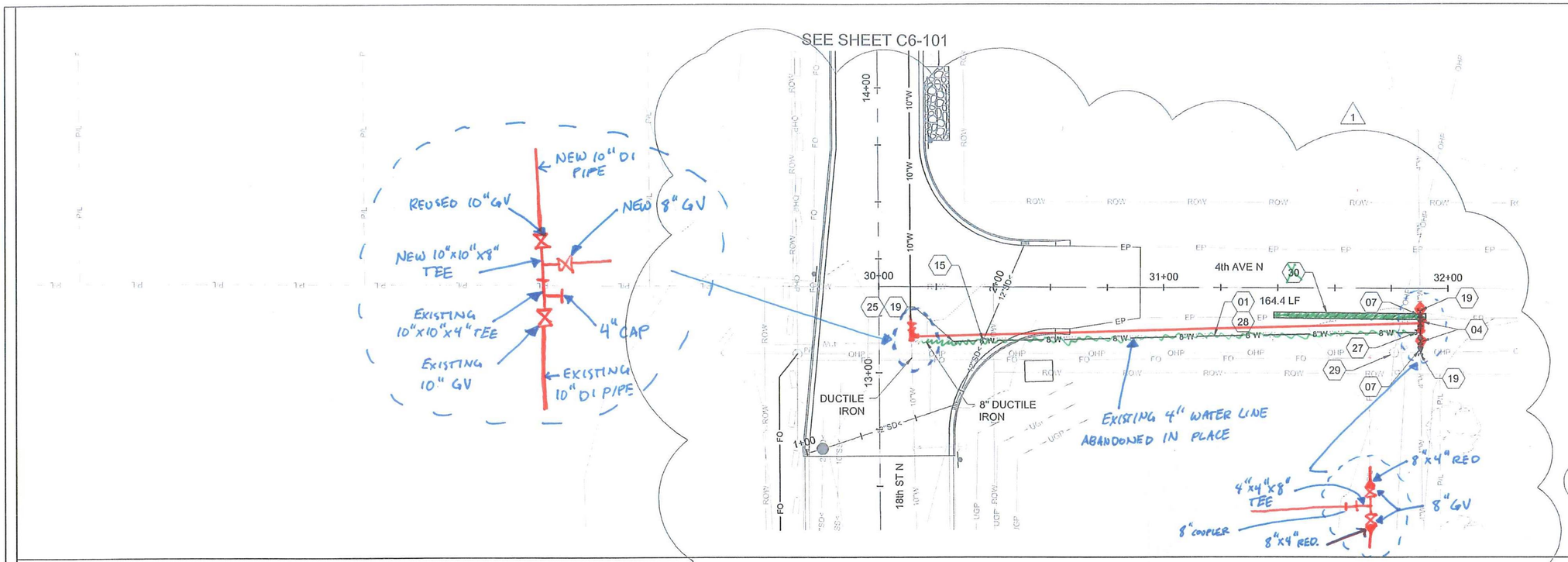

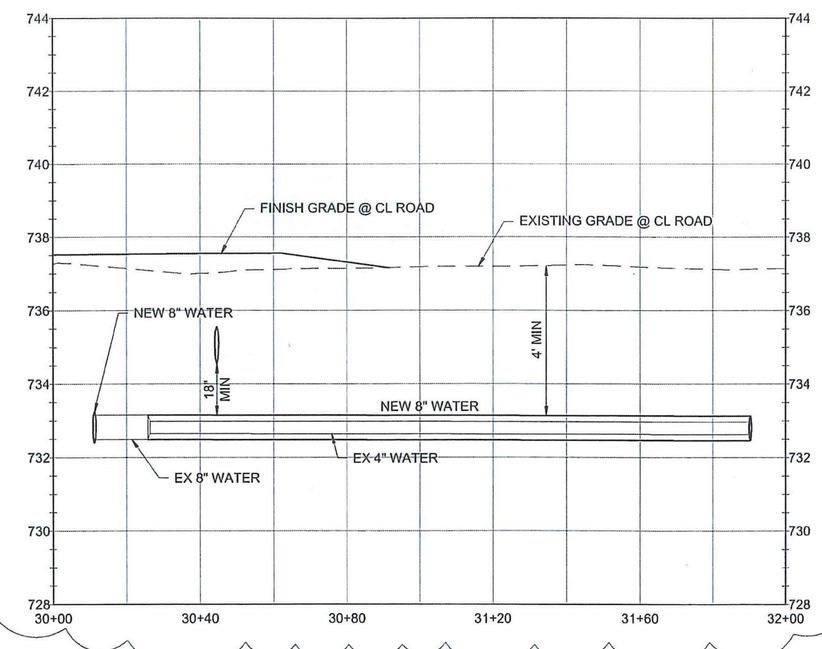

GRAPHIC SCALE
HORIZ: 0 20 40
VERT: 0 2 4

SHEET KEYNOTES

01	PIPE - 8" WATER - D.I.
04	FITTING - 8" GATE VALVE; RE: CITY OF LEWISTON STD DWG 4-2
07	FITTING - 8"x4" REDUCER
15	POTABLE & NON-POTABLE WATERLINE SEPARATION; RE: CITY OF LEWISTON STD DWG 4-1
17	FIBER OPTIC CABLE INSTALLED BY OTHERS
18	ADJUST EXISTING VALVE CAN TO FINISH GRADE & INSTALL CONCRETE COLLAR; RE: CITY OF LEWISTON STD DWG 1-40
19	CONNECT TO EXISTING WATER PIPE
25	REMOVE EXISTING FITTING
27	FITTING - 8" TEE
28	REMOVE EXISTING 4" WATER PIPE
29	PROVIDE TEMPORARY POLE SUPPORT
30	~~2' WIDE ASPHALT REPAIR, MATCH EXISTING PAVEMENT AND BASE SECTION~~

1

PROFESSIONAL ENGINEER LICENSED 14713 5/26/2016 STATE OF IDAHO STILLMAN NORTON

GENERAL SHEET NOTES

1. BURY WATER MIN. OF 4' FOR FREEZE PROTECTION.
2. PIPE DISTANCES ARE MEASURE FROM CENTER OF FITTING TO CENTER OF FITTING.
3. INSTALL ALL THRUST BLOCKING PER CITY OF LEWISTON STD. DWG 4-4 "THRUST BLOCKING DETAIL".
4. INSTALL FITTING TO DEFLECT WATER PIPE VERTICALLY & HORIZONTALLY WHERE SHOWN. WHERE BEND IS LESS THAN 50% OF SMALLEST AVAILABLE FITTING ANGLE, BEND THE PIPE RATHER THAN DEFLECT THE JOINT TO ACHIEVE SMALL CHANGES IN DIRECTION. DO NOT EXCEED ON-HALF OF MANUFACTURER'S RECOMMENDATIONS.
5. ALL UTILITY TRENCH BACKFILL SHALL BE CLASS 'D' PER CITY OF LEWISTON STD DWG 1-6, UNLESS OTHERWISE NOTED.
6. See note 6 on sheet C6-103

RECORD DRAWINGS

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By: _____ Date: 11/17/16

NO.	REVISIONS	BY	DATE
1	ADD SHEET FOR WATER LINE	IC	5-26-16

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

UTILITY PLAN STA 30+00 - END

PROJECT NO. 215081
SHEET NO. C6-104

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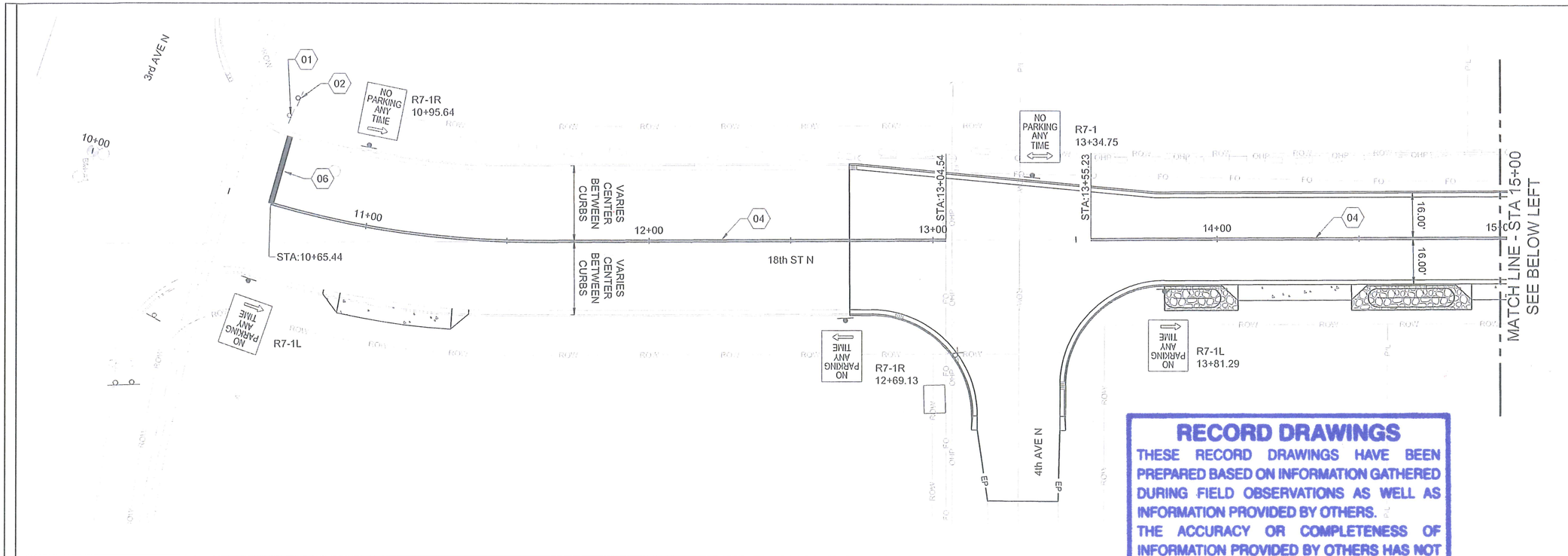

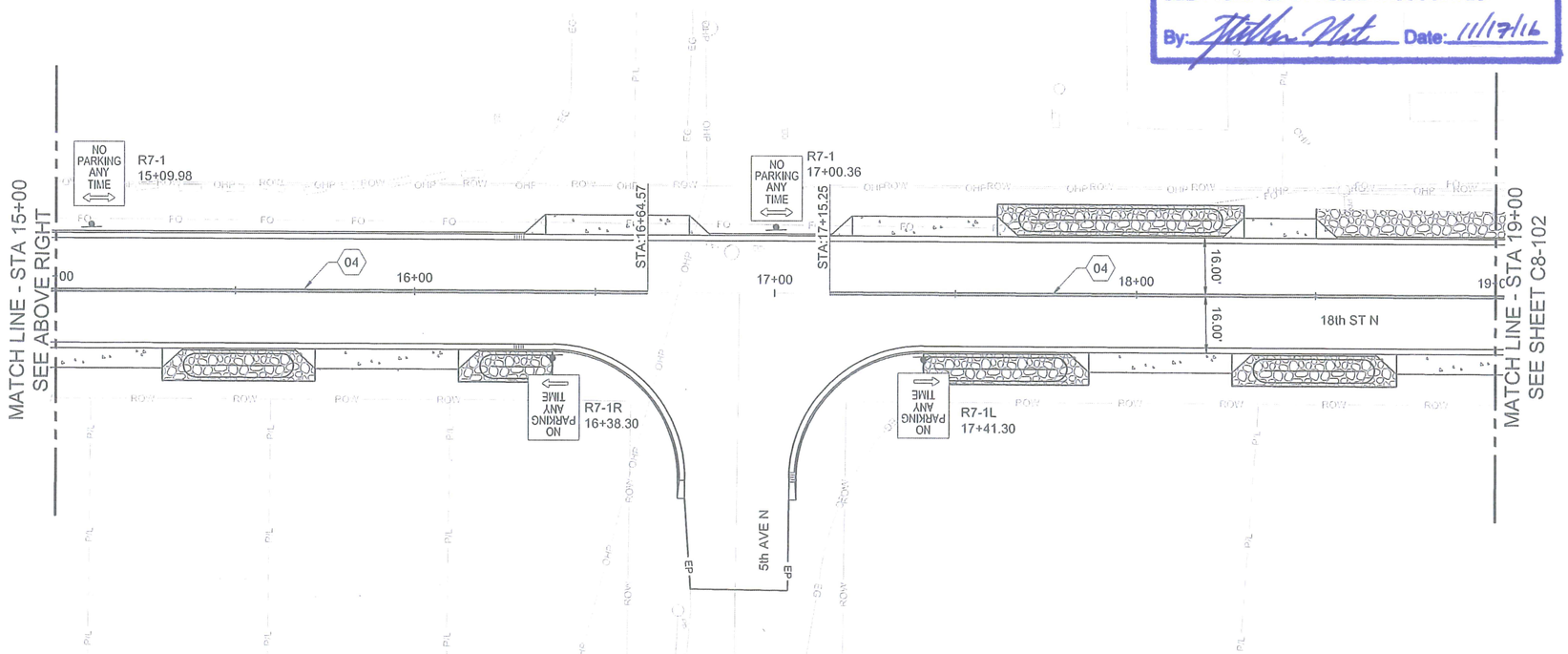

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By: [signature] Date: 11/17/16

0 20 40

SHEET KEYNOTES

01	RETAIN & PROTECT EXISTING STOP SIGN
02	RETAIN & PROTECT EXISTING RAILROAD CROSSING SIGN
04	4" DOUBLE YELLOW (733 LF)
06	24" SOLID WHITE STOP BARS (24 LF)

GENERAL SHEET NOTES

1. SIGN & POST INSTALLATION & OFFSET LOCATION IN ACCORDANCE WITH ISPWC SD-1130 AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
2. PAVEMENT MARKINGS IN ACCORDANCE WITH MUTCD

PROFESSIONAL ENGINEER LICENSED 14713 3/22/2016 STATE OF IDAHO STILLMAN NORTON

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

SIGNING & STRIPING PLAN STA 10+00 - 19+00

PROJECT NO. 215081
SHEET NO. C8-101

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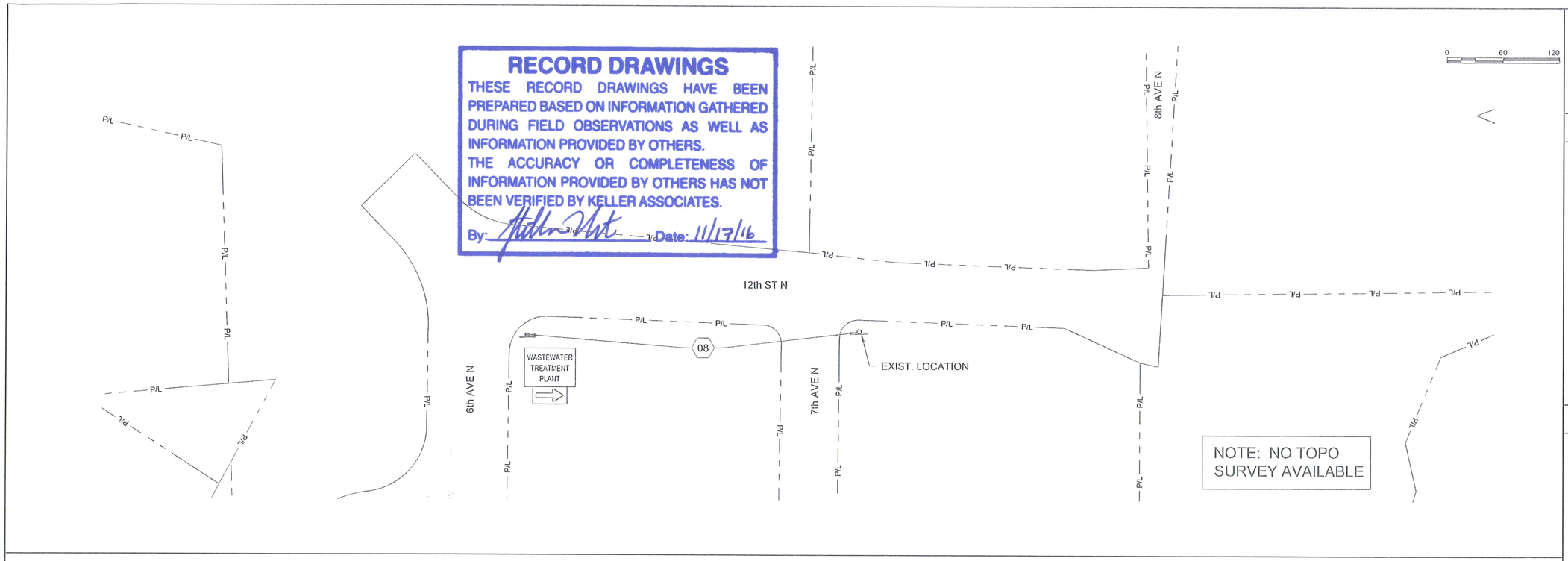
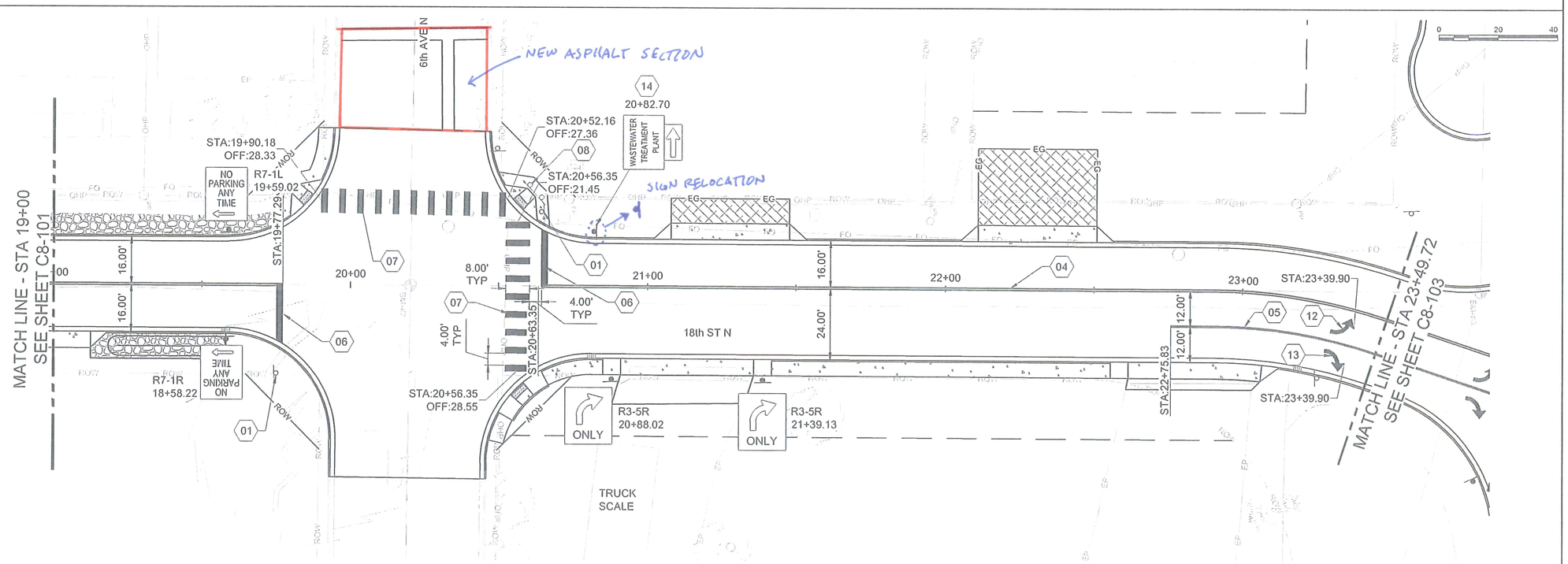


SHEET KEYNOTES

01	RELOCATE EXISTING STOP SIGN
04	4" DOUBLE YELLOW (363 LF)
05	8" SOLID WHITE (70 LF)
06	24" SOLID WHITE STOP BARS (38 LF)
07	24"x8' SOLID WHITE
08	REMOVE EXISTING SIGN & DELIVER TO THE PORT OF LEWISTON
12	LEFT TURN ARROW SOLID WHITE
13	RIGHT TURN ARROW SOLID WHITE
14	NEW WASTEWATER TREATMENT PLANT (WWTP) WAY FINDING SIGNAGE TO MATCH SIZE & STYLE OF NEARBY EXISTING WWTP SIGNAGE

GENERAL SHEET NOTES

1. SIGN & POST INSTALLATION & OFFSET LOCATION IN ACCORDANCE WITH ISPWC SD-1130 AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
2. PAVEMENT MARKINGS IN ACCORDANCE WITH MUTCD



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(509) 295-6095

CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

SIGNING & STRIPING PLAN STA 19+00 - 23+49.72

PROJECT NO. 215081

SHEET NO. C8-102

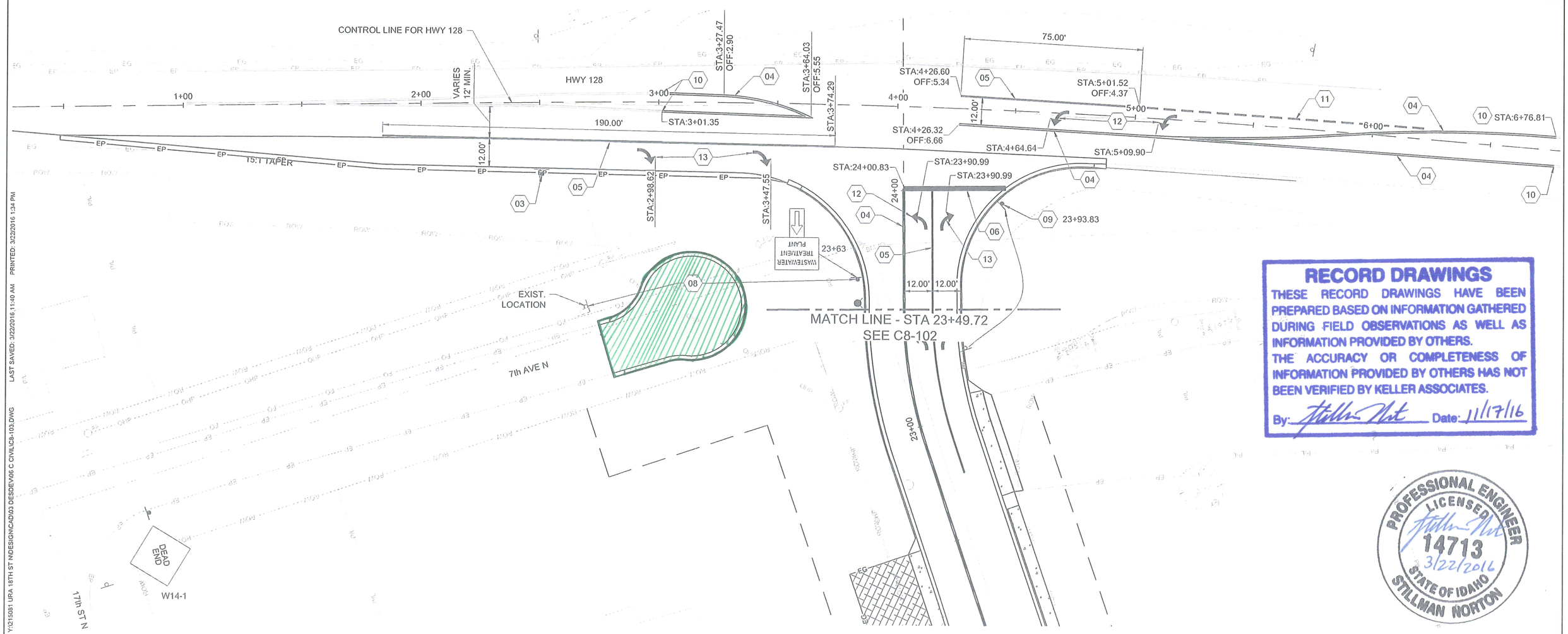
SHEET KEYNOTES

03	RELOCATE EXISTING SPEED LIMIT SIGN
04	4" DOUBLE YELLOW (605 LF)
05	8" SOLID WHITE (316 LF)
06	24" SOLID WHITE STOP BARS (43 LF)
08	RELOCATE EXISTING SIGN
09	RELOCATE EXISTING STOP SIGN & POST
10	ALIGN WITH EXISTING STRIPING
11	8" DOTTED WHITE - 2' LINE, 4' GAP (117 LF)
12	LEFT TURN ARROW SOLID WHITE
13	RIGHT TURN ARROW SOLID WHITE

0 20 40

GENERAL SHEET NOTES

1. SIGN & POST INSTALLATION & OFFSET LOCATION IN ACCORDANCE WITH ISPWC SD-1130 AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
2. PAVEMENT MARKINGS IN ACCORDANCE WITH MUTCD



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By: _____ Date: 11/17/16

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(509) 295-6095

CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

SIGNING & STRIPING PLAN STA 23+49.72 - END

PROJECT NO. 215081

SHEET NO. C8-103

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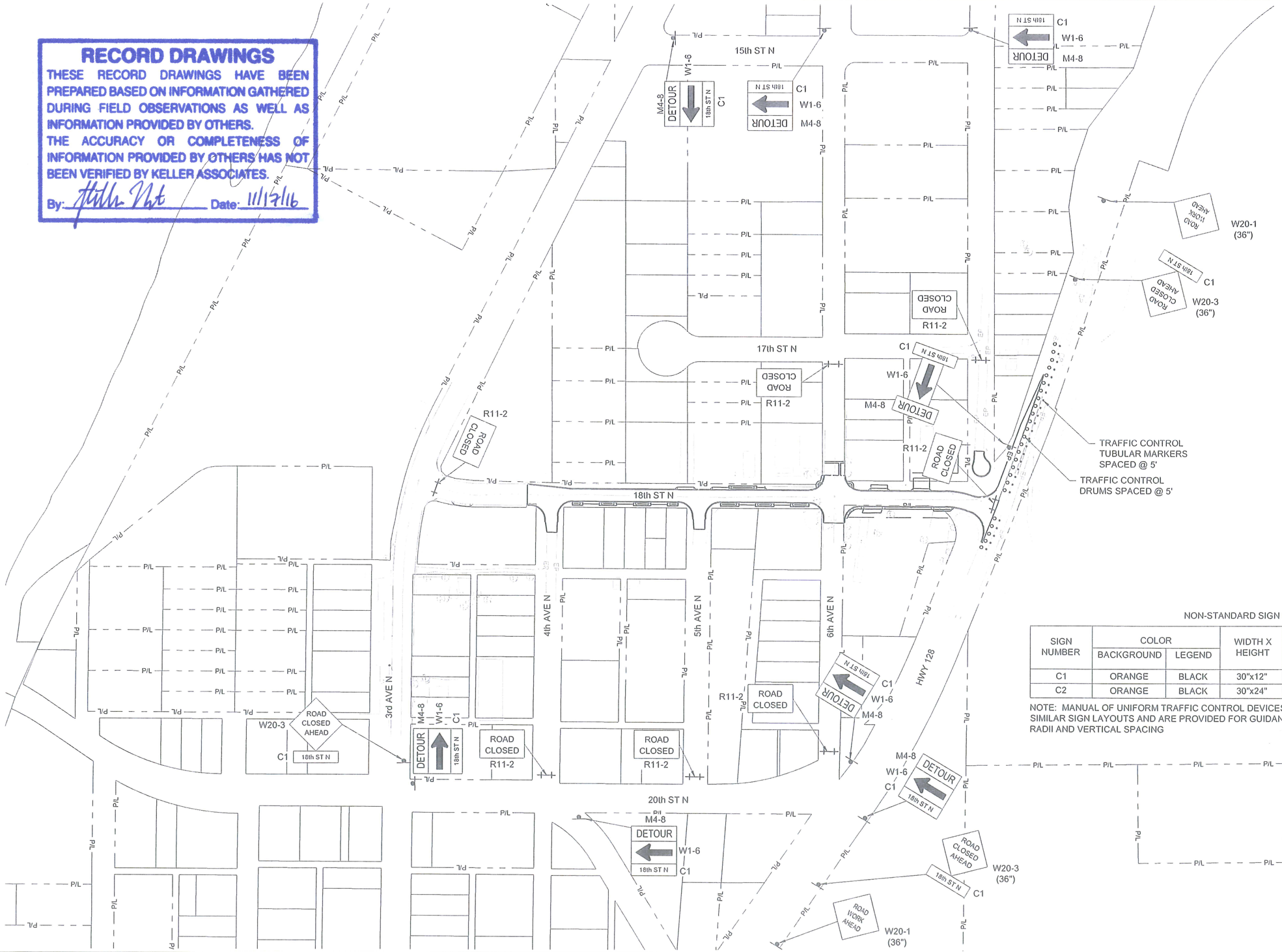

GENERAL SHEET NOTES

1. M4-9 (L OR R) SIGNAGE MAY BE USED IN LIEU OF M4-8 AND W1-6 SIGNS
2. ALL TRAFFIC CONTROL SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

SYMBOLS LEGEND

- BARREL
- TUBULAR MARKERS
- TYPE 3 BARRICADE
- SINGLE POST SIGN

NON-STANDARD SIGN LAYOUT DATA

SIGN NUMBER	COLOR		WIDTH X HEIGHT	LETTER HEIGHT/STYLE OR SYMBOL WIDTH/HEIGHT		MUTCD LAYOUT REFERENCE
	BACKGROUND	LEGEND		LINE 1	LINE 2	
C1	ORANGE	BLACK	30"x12"	6" C		M4-8
C2	ORANGE	BLACK	30"x24"	6" D	5.56"x9"	M4-9

NOTE: MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LAYOUT REFERENCES POINT TO SIMILAR SIGN LAYOUTS AND ARE PROVIDED FOR GUIDANCE AS TO SYMBOLS, BORDER WIDTH, CORNER RADII AND VERTICAL SPACING

PROFESSIONAL ENGINEER LICENSED 14713 3/22/2016 STATE OF IDAHO STILLMAN NORTON

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URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

CONTRUCTION TRAFFIC CONTROL PLAN

PROJECT NO. 215081

SHEET NO. C8-104

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0 30 60

BENCHMARKS

BM #1
MON 7+72.48
N 1736556.44
E 2307585.96
ELEV. = 736.14

BM #2
MON 6th/18th ST
N 1737571.75
E 2307639.29
ELEV. = 735.66

BM #3
MON 7th/18th ST
N 1737931.64
E 2307646.86
ELEV. = 744.16

ROW & EASEMENT LEGEND

RIGHT-OF-WAY REQUIRED

TEMPORARY CONSTRUCTION EASEMENT

COLOR CORRESPONDS TO PARCEL ID COLOR

RECORD DRAWINGS
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By: Date: 11/17/16

PROFESSIONAL ENGINEER LICENSED 14713 3/22/2016 STATE OF IDAHO STILLMAN NORTON

RIGHT OF WAY & EASEMENTS REQUIREMENTS

PARCEL ID NO.	PARCEL NO.	RECORD OWNER	RIGHT OF WAY REQUIRED (SF)	TEMPORARY EASEMENTS (SF)	ASSESSED OWNERSHIP SIZE (SF)	REMAINING OWNERSHIP SIZE (SF)
1	RPL18000810806	PORT OF LEWISTON	312.5	-	22,499.50	22,187.00
2	RPL0660006012A	HAENER PROPERTIES LIMITED PARTNERSHIP	312.5	-	23,991.88	23,679.38
3	RPL18000810102	PORT OF LEWISTON	312.5	-	14,199.70	13,887.20
4	RPL066006H0200	ROBERT S. COLEMAN	312.5	4,348.41	63,437.42	63,124.92
5	RPL1800001001A	STEVEN LEE EDDINS	-	6,354.24	28,399.56	28,399.56

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CITY OF LEWISTON
URBAN RENEWAL AGENCY

18TH STREET NORTH REBUILD

RIGHT-OF-WAY & EASEMENT PLAN

PROJECT NO. 215081

SHEET NO. C9-101