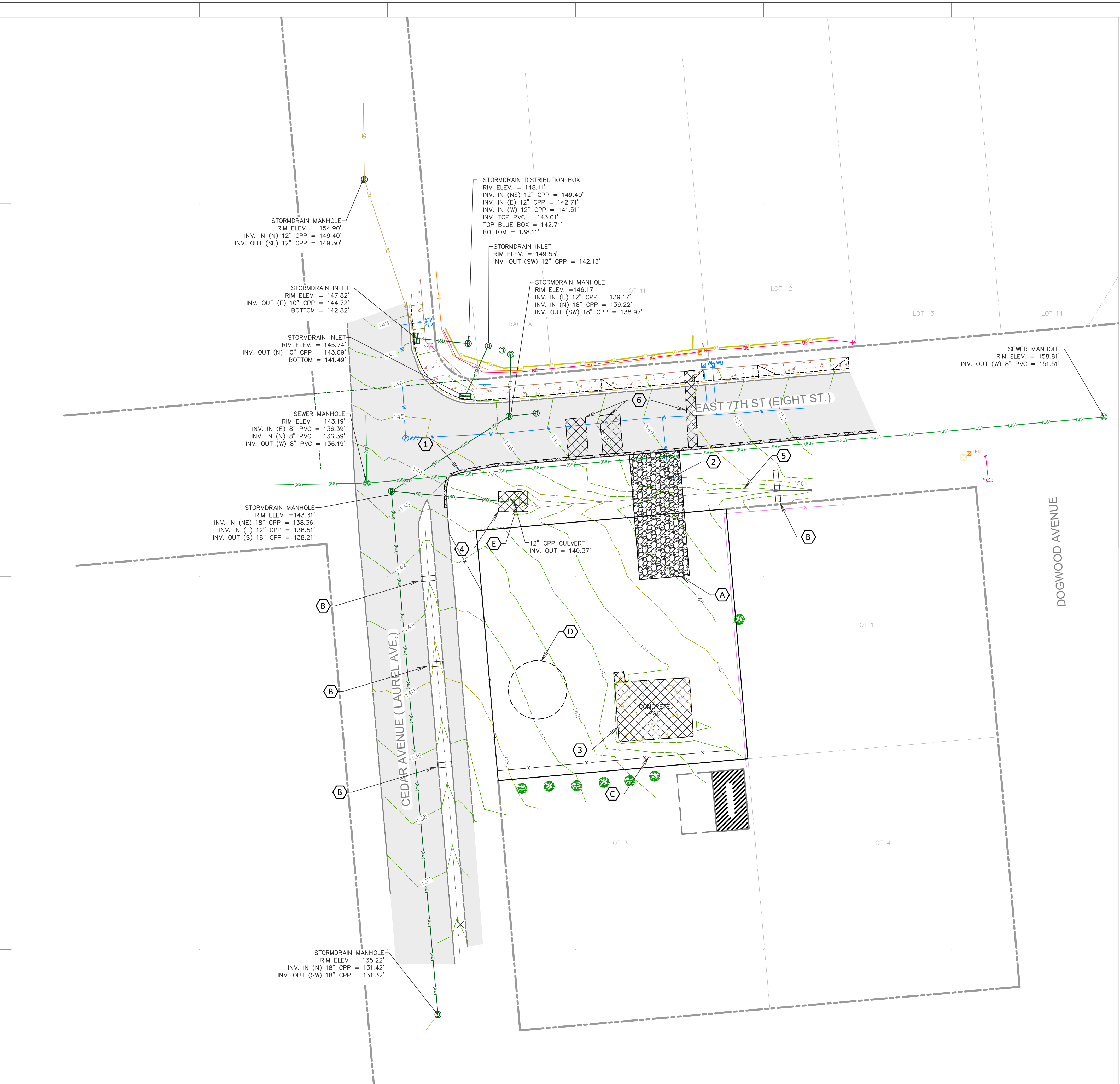






Z:\Client\2020\Bellikka\_Jack\000402 Bellikka Apartments\Drawings\1. As-built\Bellikka Topo - SLD.dwg  
PROJECT # 000000



**DEMO NOTES:**

1. NEATLY SAWCUT 1' STRIP OF ASPHALT, REMOVE, AND PROPERLY DISPOSE.
2. EXISTING WATER METER TO BE REMOVED; PER CPU REQUIREMENTS.
3. EXISTING CONCRETE PAD TO BE DEMOLISHED AND PROPERLY REMOVED FROM THE SITE.
4. REMOVE DITCH INLET AND STRUCTURE. RELOCATE PER DESIGN DRAWINGS. EXPOSE APPROXIMATELY 8' OF EXISTING CPP TO BE RECONNECTED TO NEW STORM MANHOLE PER DESIGN DRAWINGS.
5. REMOVE RIP-RAP ROCK FROM DITCH, RE-USE ON SOUTHERN PORTION OF PROPERTY PER DESIGN.
6. NEATLY SAWCUT ASPHALT, REMOVE, AND PROPERLY DISPOSE. PAVEMENT RESTORATION PER CITY DETAIL ST-18 ON SHEET C2.00

**EROSION CONTROL NOTES:**

- A. INSTALL CONSTRUCTION ENTRANCE PER DETAIL ER-2.
- B. INSTALL STRAW WATTLE BARRIERS ACROSS DRAINAGE DITCHES PER DETAIL ER-7.
- C. INSTALL FILTER FABRIC FENCE FOR SEDIMENT CONTROL PER DETAIL ER-3.
- D. STOCKPILE AREA WITH PLASTIC SHEETING PER DETAIL ER-6.
- E. INSTALL INLET FILTER BARRIER PER DETAIL ER-4.



**PERMIT DRAWINGS**

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**BELLIKA APARTMENTS**  
EAST 7TH STREET  
LA CENTER, WASHINGTON

DRAWN: SLD CHECKED: SLD

DATE: 4/17/20

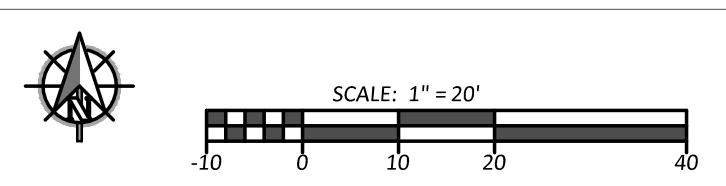
**REVISIONS:**

| NO. | DESCRIPTION   | DATE     |
|-----|---------------|----------|
| A   | CITY COMMENTS | 5/6/2020 |
|     |               |          |
|     |               |          |
|     |               |          |
|     |               |          |
|     |               |          |

**EXISTING CONDITIONS, DEMO, EROSION CONTROL**

**C0.10**

**1 EXISTING CONDITIONS, DEMO, EROSION CONTROL**  
1" = 20'









**BELLIKKA APARTMENTS**  
EAST 7TH STREET  
LA CENTER, WASHINGTON

DRAWN: SLD CHECKED: SLD

DATE: 4/17/20

| REVISIONS: |          |       |
|------------|----------|-------|
| A          | ADDENDUM | -/-/- |
| 1          | REVISION | -/-/- |

**SITE GRADING AND DRAINAGE PLAN**

**C1.20**



PRE-CONSTRUCTION STORMWATER FROM THE STREET FLOWED INTO A DITCH ON THE NORTH SIDE OF THE PROPERTY AND ENTERED A DITCH INLET THAT DISCHARGED TO THE STORMWATER SYSTEM IN CEDAR AVE.

POST-CONSTRUCTION STORMWATER FLOWS FROM THE STREET WILL FOLLOW THE NEW CURB AND GUTTER TO A CATCH BASIN, THEN THROUGH A NEW 8" STORM PIPE TO A MANHOLE. FROM THERE THE STORMWATER DISCHARGES TO THE STORM SYSTEM IN CEDAR AVE.

A NEW 12" STORM PIPE ON THE NORTH SIDE OF THE SITE WILL REPLACE THE EXISTING DITCH ALONG E. 7TH.

THE WESTERMOST DRIVEWAY STORMWATER WILL FLOW TOWARDS THE STREET AND ENTER THE NEW CATCH BASIN IN THE FLOW LINE OF THE CURB/GUTTER. THE EASTERMOST DRIVEWAY WILL FLOW TOWARDS THE BUILDING TO A DRIVEWAY DRAIN AND DISCHARGE INTO THE YARD FOR DISPERSION AND INFILTRATION.

THE ROOF DRAINS WILL DISCHARGE TO THE NEW 12" STORM PIPE ON THE NORTH SIDE OF THE PROPERTY.

THE YARD RUNOFF WILL CONTINUE TO FLOW AS-IS. IMPERVIOUS AREA IN THE YARD IS REDUCED WITH THE DEMOLITION OF THE CONCRETE PAD AT THE SOUTH END OF THE PROPERTY.

STORMWATER DISCHARGE FROM THE SITE TO ABUTTING PROPERTIES IS EXPECTED TO DECREASE FOR ALL STORM EVENTS POST-CONSTRUCTION.





KALISPELL | BOZEMAN | VANCOUVER  
406-755-3208 | 406-266-0707 | 360-452-8746



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**BELLIKKA APARTMENTS**  
EAST 7TH STREET  
LA CENTER, WASHINGTON

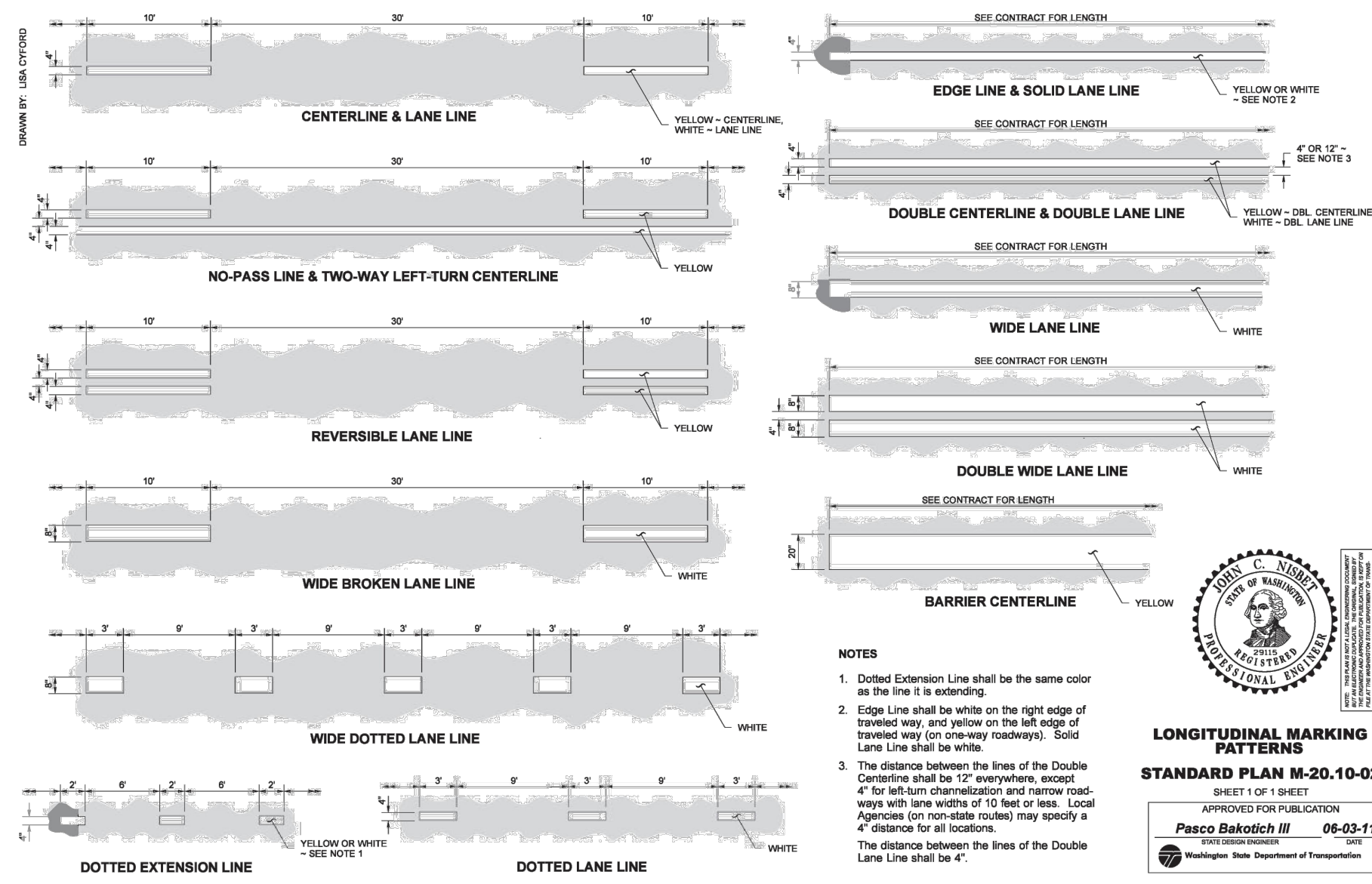
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DATE: 4/17/20

REVISIONS:

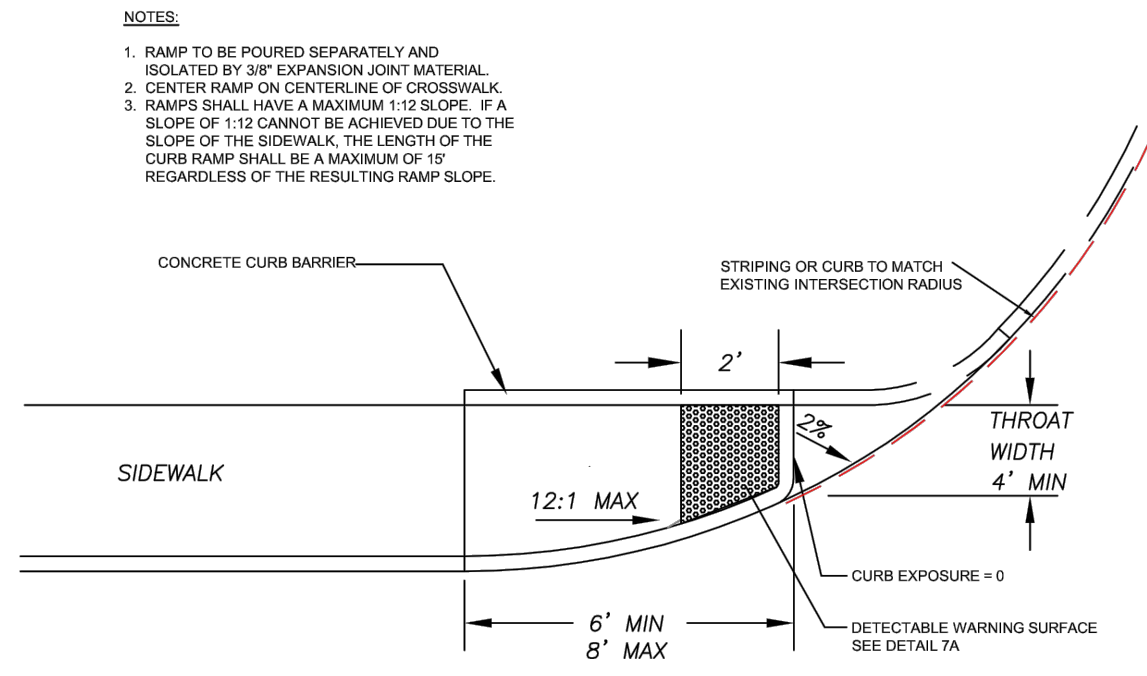
**STREET DETAILS AND NOTES**

**C2.00**



- NOTES**
- Dotted Extension Line shall be the same color as the line it is extending.
  - Edge Line shall be white on the right edge of traveled way and yellow on the left edge of traveled way (on one-way roadways). Solid Lane Line shall be white.
  - The distance between the lines of the Double Centerline shall be 17' everywhere, except 4' for left-turn channelization and narrow roadways with lane widths of 10 feet or less. Local Agencies (on non-state roads) may specify a 4' distance for all locations. The distance between the lines of the Double Lane Line shall be 4'.

**LONGITUDINAL MARKING PATTERNS**  
STANDARD PLAN M-20.10-02  
SHEET 1 OF 1 SHEET  
APPROVED FOR PUBLICATION  
Pasco Register # 06-03-11  
Washington State Department of Transportation



**TYPE 2B CURB RAMP**

PLAN #

CITY OF LA CENTER APPROVED

| REVISIONS: | DATE: | DRAWN: | DESIGNED: |
|------------|-------|--------|-----------|
| 1          |       | ALC    | ALC       |
| 2          |       |        |           |

*Anthony Jecolopun*  
CITY ENGINEER

4/30/20  
DATE

ST-9B

- SURFACING:**
- ALL HMA SHALL BE SAWCUT TO PROVIDE A STRAIGHT, CLEAN EDGE PRIOR TO PAVING.
  - THE CUT LINE SHALL BE ONE CONTINUOUS STRAIGHT LINE FROM THE OUTER EXCAVATION LIMITS OF MAN-HOLE, VALVE BOX, ETC. TO MAN-HOLE, VALVE BOX, ETC.
  - PAVE WITH AN 0.35 FT. MINIMUM COMPACTED DEPTH HMA OR MATCH EXISTING, WHICHEVER IS GREATER.
  - LIFTS FOR HMA SHALL BE AN 0.15 FT. MINIMUM AND 0.35 FT. MAXIMUM FOR NON-SURFACE LIFTS (0.25" MAXIMUM FOR SURFACE LIFT). THE TEMPERATURE SHALL BE 200 DEGREE MINIMUM, 300 DEGREE MAXIMUM, COMPACTED TO THE SATISFACTION OF THE ENGINEER.
  - ALL JOINTS SHALL BE TACKED, SEALED AND SANDED.
  - WHEN SURFACING EXITS ON BOTH SIDES OF THE TRENCH, NEW HMA SHALL BE A MINIMUM OF 40" WIDE.
  - TRENCH SHALL BE PAVED UNTIL PAVED.

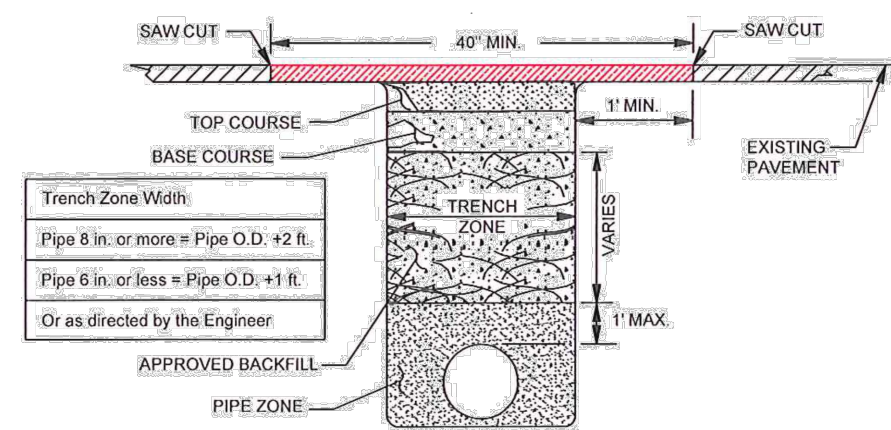
- TOP COURSE:**
- 0.50 FT. MINIMUM DEPTH (5/8" MINUS) C.S.B.C. (W.S.D.O.T. APPROVED MATERIAL), COMPACTED TO 95% OF MAXIMUM DENSITY. SEE TRENCH ZONE.
  - EQUIVALENT DEPTH OF A.T.B. MAY BE SUBSTITUTED.

- BASE COURSE:**
- 0.50 FT. MINIMUM DEPTH (5/8" MINUS) C.S.B.C. (W.S.D.O.T. APPROVED MATERIAL), COMPACTED TO 95% OF MAXIMUM DENSITY. SEE TRENCH ZONE.
  - EQUIVALENT DEPTH OF A.T.B. MAY BE SUBSTITUTED.

- TRENCH ZONE:**
- FOR RESIDENTIAL STREETS 1 1/2" MINUS C.S.B.C. SHALL BE USED FOR TRENCH BACKFILL. COMPACTED TO 95% OF MAXIMUM DENSITY IN THE TRENCH ZONE USING METHOD C COMPACTORS PER SECTION 2-03.3 (14). NATIVE MATERIAL MAY BE USED IF APPROVED PRIOR TO CONSTRUCTION.
  - TRENCH ZONE WIDTH—SEE BELOW.

- PIPE ZONE:**
- PIPE ZONE MATERIAL, OPTIONAL, OR AS SPECIFIED BY UTILITY OWNER AND APPROVED BY THE CITY.
  - 1.0 FT. MAXIMUM FROM TOP OF THE PIPE.

- CONDITIONS:**
- A COPY OF THE ROW PERMIT AND REQUIREMENTS SHALL BE ON THE JOB SITE AT ALL TIMES.
  - THE PERMIT HOLDER SHALL BE RESPONSIBLE FOR ALL RESTORATION AND MAINTENANCE OF DITCHES, SHOULDERS, DRIVEWAYS, LANDSCAPING, ETC.
  - ALL PAVEMENT CUTS, AT A MINIMUM TO BE TEMP PATCHED @ THE END OF EACH DAY WITH PERMANENT PATCH TO BE DONE ON THE 1ST SUITABLE DAY.
  - WORK SHALL BE DONE IN A TIMELY MANNER TO MINIMIZE THE IMPACT TO THE PUBLIC.
  - CALL THE CITY AT 263-2655 TWENTY-FOUR HOURS PRIOR TO COMMENCING WORK.



**OPEN CUT UTILITY TRENCH BACKFILL DETAIL (NEIGHBORHOOD AND LOCAL ACCESS STREETS)**

PLAN #

CITY OF LA CENTER APPROVED

| REVISIONS: | DATE:    | DRAWN: | DESIGNED: |
|------------|----------|--------|-----------|
| 1          | 9/28/10  | BES    | BES       |
| 1          | 12/19/18 | ALC    | ALC       |

*Anthony Jecolopun*  
CITY ENGINEER

12/19/18  
DATE

ST-18



