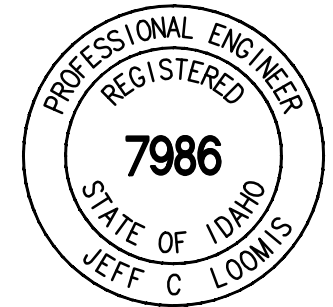


City of Bellevue

Street Construction Standards

December 2021

ORIGINAL SIGNED BY
JEFF C. LOOMIS
DATE ORIGINAL SIGNED:
12/31/2021



ORIGINAL ON FILE AT
OFFICE OF GALENA
ENGINEERING
(HAILEY, ID)

DRAWING INDEX:

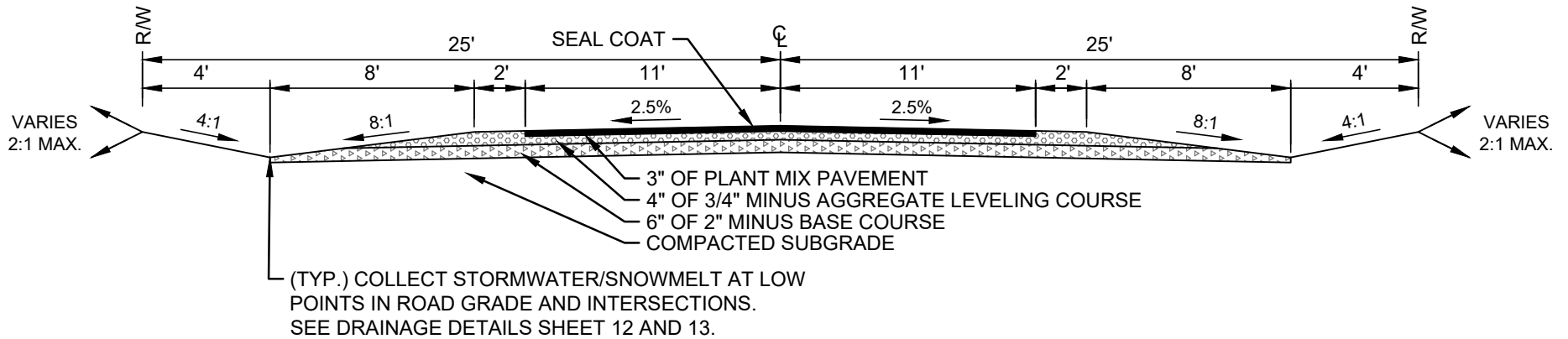
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IF DETAIL OR DRAWING IS NOT PROVIDED HERE,
USE CURRENT VERSION OF ISPWC AND OTHER APPLICABLE CITY OF BELLEVUE STANDARDS

BELLEVUE STREET STANDARDS- GENERAL CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MOST CURRENT EDITION OF THE "IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION" (ISPWC) AND CITY OF BELLEVUE STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND KEEPING A COPY OF THESE STANDARDS ON SITE DURING CONSTRUCTION. CONTRACTOR SHALL ALLOW THE CITY OF BELLEVUE AT LEAST 3 BUSINESS DAYS TO REVIEW CONSTRUCTION MATERIALS SUBMITTALS.
2. ALL EXCAVATION & EMBANKMENT SHALL CONFORM TO ISPWC SECTION 202. SUBGRADE SHALL BE EXCAVATED AND SHAPED TO LINE, GRADE, AND CROSS-SECTION SHOWN ON THE PLANS. THE SUBGRADE SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-698. THE CONTRACTOR SHALL WATER OR AERATE SUBGRADE AS NECESSARY TO OBTAIN OPTIMUM MOISTURE CONTENT. IN-LIEU OF DENSITY MEASUREMENTS, THE SUBGRADE MAY BE PROOF-ROLLED TO THE APPROVAL OF THE ENGINEER.
 - **PROOF-ROLLING:** AFTER EXCAVATION TO THE SUBGRADE ELEVATION AND PRIOR TO PLACING COURSE GRAVEL, THE CONTRACTOR SHALL PROOF ROLL THE SUBGRADE WITH A 5-TON SMOOTH DRUM ROLLER, LOADED WATER TRUCK, OR LOADED DUMP TRUCK, AS ACCEPTED BY THE ENGINEER. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF UNSUITABLE SUBGRADE MATERIAL AREAS, AND/OR AREAS NOT CAPABLE OF COMPACTION ACCORDING TO THESE SPECIFICATIONS. UNSUITABLE OR DAMAGED SUBGRADE IS WHEN THE SOIL MOVES, PUMPS AND/OR DISPLACES UNDER ANY TYPE OF PRESSURE INCLUDING FOOT TRAFFIC LOADS.
 - IF, IN THE OPINION OF THE ENGINEER, THE CONTRACTOR'S OPERATIONS RESULT IN DAMAGE TO, OR PROTECTION OF, THE SUBGRADE, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, REPAIR THE DAMAGED SUBGRADE BY OVER-EXCAVATION OF UNSUITABLE MATERIAL TO FIRM SUBSOIL, LINE EXCAVATION WITH GEOTEXTILE FABRIC, AND BACKFILL WITH PIT RUN GRAVEL.
3. ALL 2" MINUS GRAVEL SHALL CONFORM TO ISPWC 802, TYPE II (ITD STANDARD 703.04, 2"), SHALL BE PLACED IN CONFORMANCE WITH ISPWC SECTION 801 AND COMPACTED PER SECTION 202. MINIMUM COMPACTION OF PLACED MATERIAL SHALL BE 90% OF MAXIMUM LABORATORY DENSITY AS DETERMINED BY AASHTO T-99.
4. ALL 3/4" MINUS CRUSHED GRAVEL SHALL CONFORM TO ISPWC 802, TYPE I (ITD STANDARD 703.04, 3/4" B), SHALL BE PLACED IN CONFORMANCE WITH ISPWC SECTION 802 AND COMPACTED PER SECTION 202. MINIMUM COMPACTION OF PLACED MATERIAL SHALL BE 95% OF MAXIMUM LABORATORY DENSITY AS DETERMINED BY AASHTO T-99 OR ITD T-91.
5. ALL ASPHALTIC CONCRETE PAVEMENT WORK SHALL CONFORM TO ISPWC SECTION(S) 805, 810, AND 811 FOR CLASS II PAVEMENT. ASPHALT AGGREGATE SHALL BE 1/2" (13MM) NOMINAL SIZE CONFORMING TO TABLE 803B IN ISPWC SECTION 803. ASPHALT BINDER SHALL BE PG 58-28 CONFORMING TO TABLE A-1 IN ISPWC SECTION 805.
6. ASPHALT SAWCUTS SHALL BE AS INDICATED ON THE DRAWINGS, OR 24" INCHES FROM EDGE OF EXISTING ASPHALT, IF NOT INDICATED OTHERWISE SO AS TO PROVIDE A CLEAN PAVEMENT EDGE FOR MATCHING. NO WHEEL CUTTING SHALL BE ALLOWED.
7. ALL CONCRETE WORK SHALL CONFORM TO ISPWC SECTIONS 701, 703, AND 705 AND CITY OF BELLEVUE STANDARD DRAWINGS. ALL CONCRETE SHALL BE 3,000 PSI MINIMUM, 28 DAY, AS DEFINED IN ISPWC SECTION 703, TABLE 1. IMMEDIATELY AFTER PLACEMENT PROTECT CONCRETE BY APPLYING MEMBRANE-FORMING CURING COMPOUND, TYPE 2, CLASS A PER ASTM C 309-94. APPLY CURING COMPOUND PER MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS. CONTRACTOR SHALL PROVIDE MIX DESIGN, CURING AND PROTECTION PLAN (ISPWC 703.3.5), AND POST POUR CURE SEALING COMPOUND TYPE AND APPLICATION PLAN TO CITY OF BELLEVUE IN ACCORDANCE WITH THESE STANDARDS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING A MATERIALS TESTING COMPANY DURING CONSTRUCTION TO VERIFY ALL CITY OF BELLEVUE CONSTRUCTION STANDARDS AND SPECIFICATIONS ARE MET.
9. PER IDAHO CODE § 55-1613, THE CONTRACTOR SHALL RETAIN AND PROTECT ALL MONUMENTS, ACCESSORIES TO CORNERS, BENCHMARKS AND POINTS SET IN CONTROL SURVEYS; ALL MONUMENTS, ACCESSORIES TO CORNERS, BENCHMARKS AND POINTS SET IN CONTROL SURVEYS THAT ARE LOST OR DISTURBED BY CONSTRUCTION SHALL BE REESTABLISHED AND RE-MONUMENTED, AT THE EXPENSE OF THE AGENCY OR PERSON CAUSING THEIR LOSS OR DISTURBANCE AT THEIR ORIGINAL LOCATION OR BY SETTING OF A WITNESS CORNER OR REFERENCE POINT OR A REPLACEMENT BENCHMARK OR CONTROL POINT, BY OR UNDER THE DIRECTION OF A PROFESSIONAL LAND SURVEYOR.
10. ALL STREET SIGNING, STRIPING AND MARKINGS SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE MUTCD. STREET SIGNS TO BE INSTALLED AT BACK OF CURB. PARKING SIGNS SHALL BE INSTALLED AT BACK OF SIDEWALK.

Galena Engineering Inc.	Civil Engineers & Land Surveyors 317 N. River Street Hailey, Idaho 83333 (208) 788-1705 (208) 788-4612 fax email galena@galena-engineering.com	REUSE OF DRAWINGS: These drawings, or any portion thereof, shall not be used on any Project or extensions of this Project except by agreement in writing with Galena Engineering, Inc..	CITY OF BELLEVUE STREET CONSTRUCTION STANDARDS GENERAL CONSTRUCTION NOTES WITHIN CITY OF BELLEVUE, BLAINE COUNTY, IDAHO PREPARED FOR CITY OF BELLEVUE	PROJECT INFORMATION P:\sdsproj\6744-01 BellevueStStandards\dwg\Construction\6744-01_BellevueStreetConstructionStandards.dwg 01/04/22 10:24:17 AM	1



RESIDENTIAL STREET WITHOUT CURB & GUTTER OR SIDEWALK (50' R/W)
(TYPICAL SECTION)
N.T.S.

NOTE:

1. SEE SHEET 1 FOR GENERAL CONSTRUCTION NOTES.

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Engineering
Inc.**

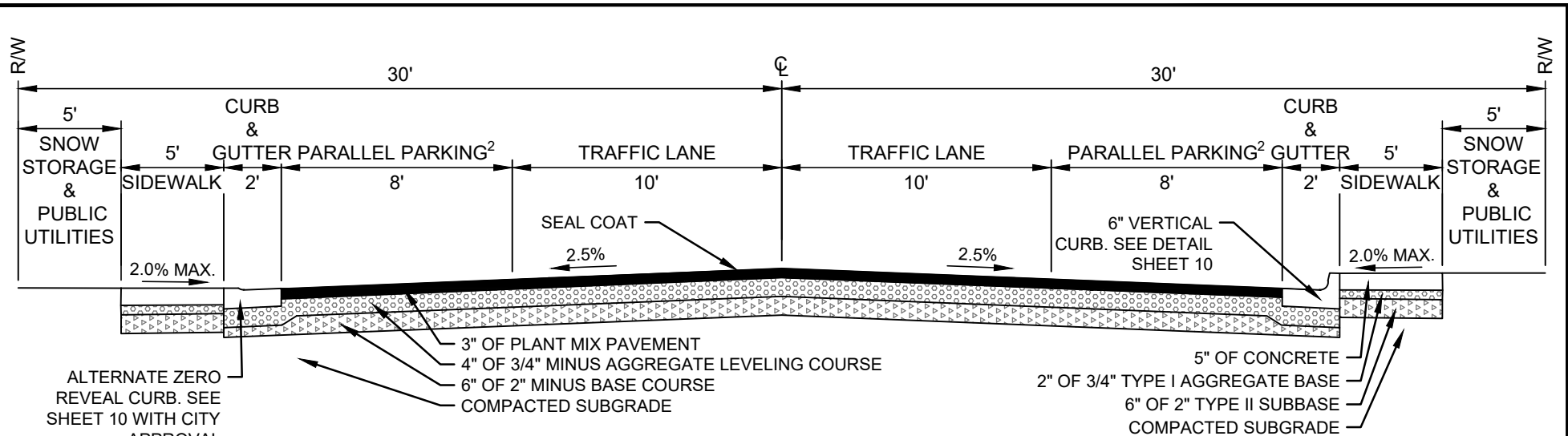
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CITY OF BELLEVUE STREET CONSTRUCTION STANDARDS
RESIDENTIAL STREET WITH NO CURB & GUTTER OR SIDEWALK (50' R/W)
WITHIN CITY OF BELLEVUE, BLAINE COUNTY, IDAHO
PREPARED FOR CITY OF BELLEVUE

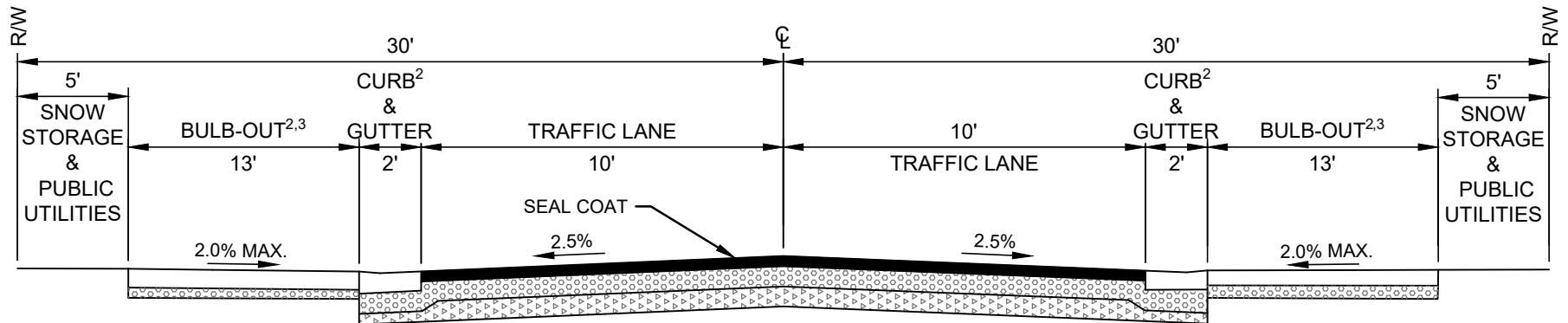
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RESIDENTIAL STREET WITH CURB & GUTTER AND SIDEWALK (60' R/W)
(TYPICAL SECTION)

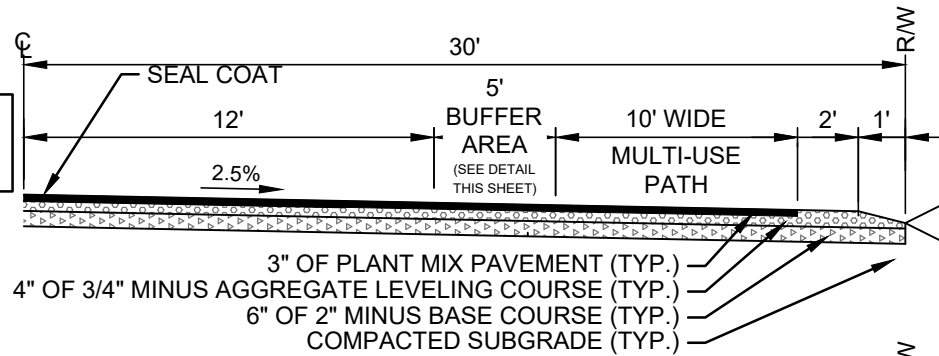
- NOTE:** N.T.S.
 1. SEE SHEET 1 FOR GENERAL CONSTRUCTION NOTES.
 2. PARALLEL PARKING STALLS ARE 8' WIDE BY 22' LONG.



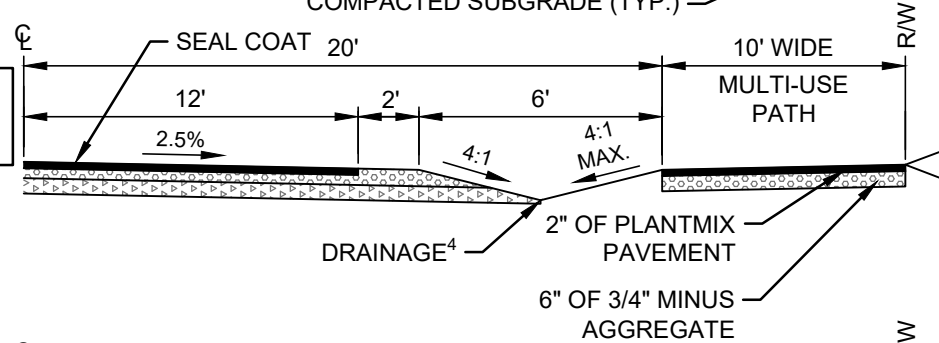
RESIDENTIAL STREET TYPICAL SECTION AT AN INTERSECTION WITH CURB & GUTTER AND SIDEWALK (60' R/W)
(TYPICAL SECTION)

- NOTE:** N.T.S.
 1. SEE SHEET 1 FOR GENERAL CONSTRUCTION NOTES.
 2. ADA COMPLIANT CURB AND SIDEWALK RAMPS REQUIRED AT INTERSECTIONS.
 3. BULB-OUT MUST BE CONSTRUCTED FLAT SEE SHEET 7.
 4. SEE SHEET 10 FOR CROSSWALK MARKING CONFIGURATION DETAIL.
 5. (TYP.) COLLECT STORMWATER/SNOWMELT AT LOW POINTS IN ROAD GRADE AND INTERSECTIONS. SEE DRAINAGE DETAILS SHEET 12 AND 13.

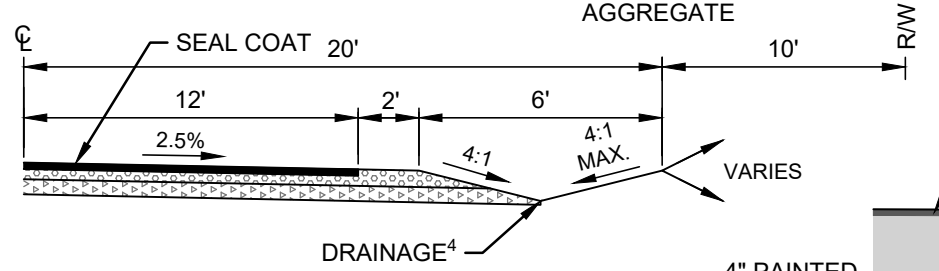
**OPTION A:
ATTACHED MULTI-USE PATH**



**OPTION B:
DETACHED MULTI-USE PATH**



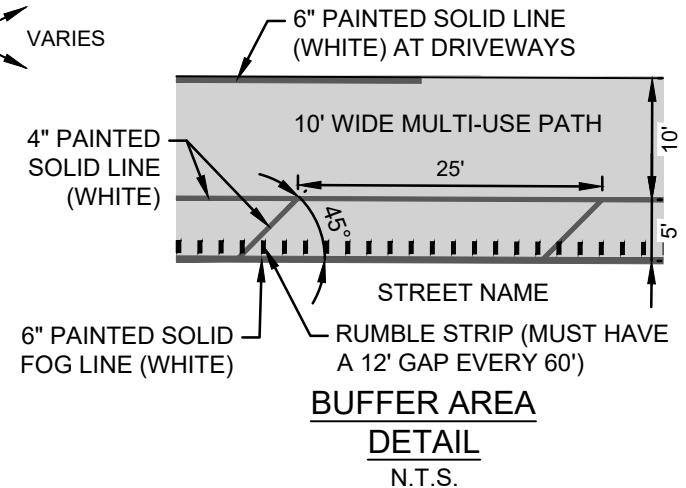
**OPTION C:
NO MULTI-USE PATH**



COLLECTOR STREET (60' R/W)
(TYPICAL SECTION)
N.T.S.

NOTE:

1. SEE SHEET 1 FOR GENERAL CONSTRUCTION NOTES.
2. PEDESTRIAN CROSSINGS REQUIRED AT INTERSECTIONS.
3. NO ROADSIDE PARKING.
4. (TYP.) COLLECT STORMWATER/SNOWMELT AT LOW POINTS IN ROAD GRADE AND INTERSECTIONS. SEE DRAINAGE DETAILS SHEET 12 AND 13.
5. SEE SHEET 11 FOR CROSSWALK MARKING CONFIGURATION DETAIL.
6. ALTERNATIVES "A", "B", AND "C" PER CITY & COUNCIL REVIEW AND APPROVAL.

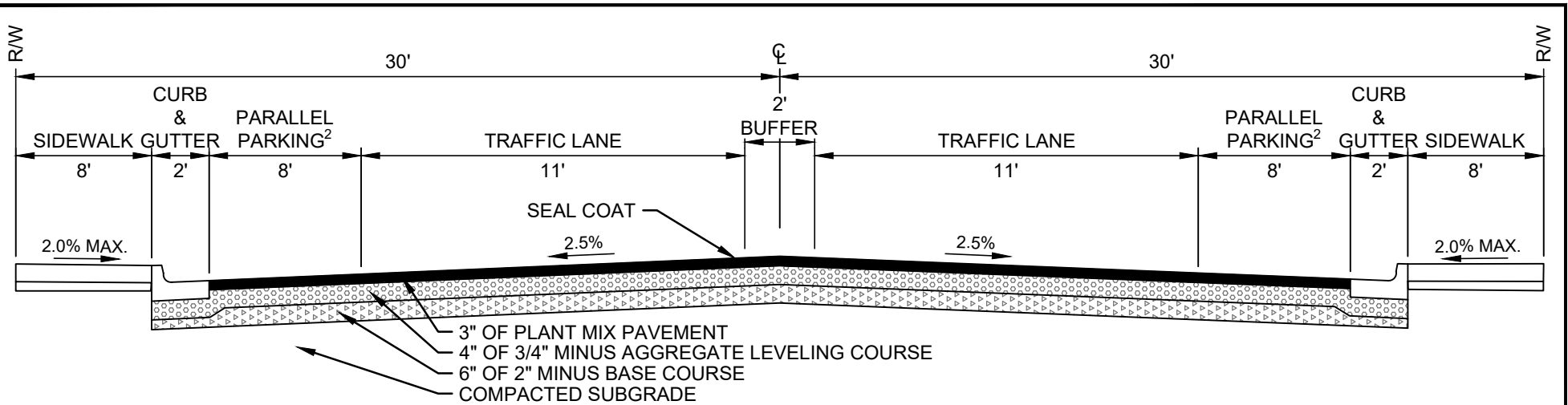


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CITY OF BELLEVUE STREET CONSTRUCTION STANDARDS
COLLECTOR STREET (60' R/W)
WITHIN CITY OF BELLEVUE, BLAINE COUNTY, IDAHO
PREPARED FOR CITY OF BELLEVUE

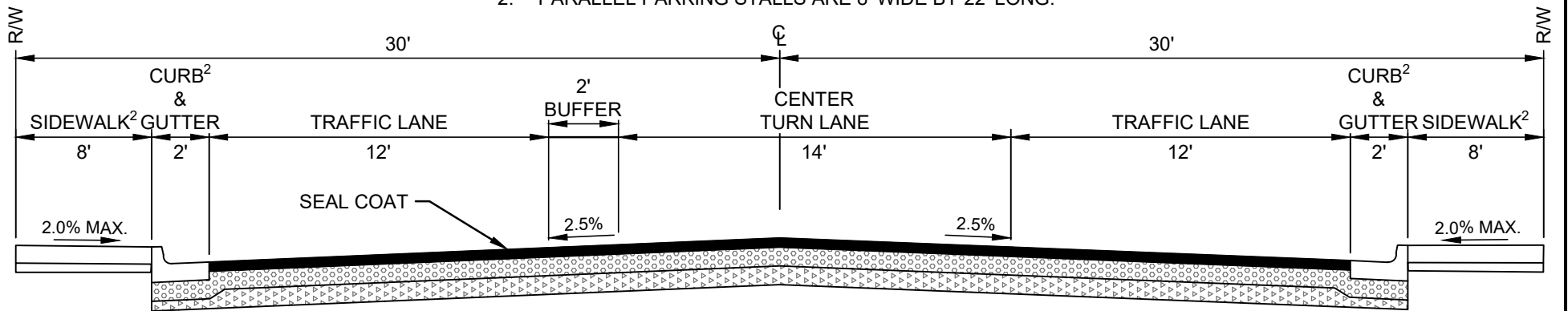
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COMMERCIAL STREET WITH CURB & GUTTER AND SIDEWALK (60' R/W)
(TYPICAL SECTION)
N.T.S.

NOTE:

1. SEE SHEET 1 FOR GENERAL CONSTRUCTION NOTES.
2. PARALLEL PARKING STALLS ARE 8' WIDE BY 22' LONG.

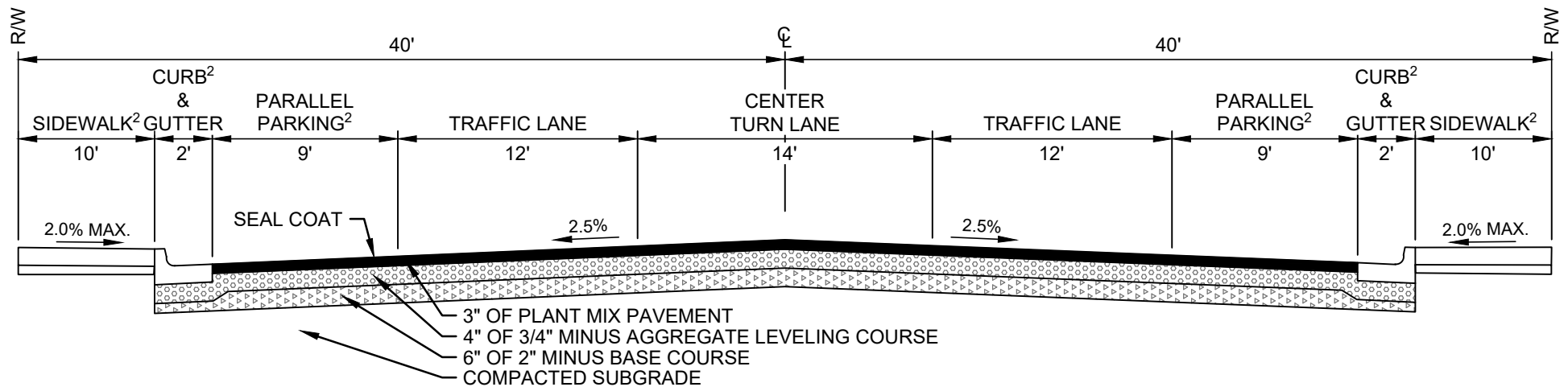


COMMERCIAL STREET AT AN INTERSECTION WITH CURB & GUTTER AND SIDEWALK (60' R/W)
(TYPICAL SECTION)
N.T.S.

NOTE:

1. SEE SHEET 1 FOR GENERAL CONSTRUCTION NOTES.
2. ADA COMPLIANT CURB AND SIDEWALK RAMPS REQUIRED AT INTERSECTIONS.
3. BULB-OUT MUST BE CONSTRUCTED FLAT SEE SHEET 7.
4. SEE SHEET 11 FOR CROSSWALK MARKING CONFIGURATION DETAIL.
5. (TYP.) COLLECT STORMWATER/SNOWMELT AT LOW POINTS IN ROAD GRADE AND INTERSECTIONS. SEE DRAINAGE DETAILS SHEET 12 AND 13.

<p>Galena Engineering Inc.</p>	<p>Civil Engineers & Land Surveyors 317 N. River Street Hailey, Idaho 83333 (208) 788-1705 (208) 788-4612 fax email galena@galena-engineering.com</p>	<p>REUSE OF DRAWINGS: These drawings, or any portion thereof, shall not be used on any Project or extensions of this Project except by agreement in writing with Galena Engineering, Inc..</p>	<p>CITY OF BELLEVUE STREET CONSTRUCTION STANDARDS COMMERCIAL STREET WITH CURB & GUTTER AND SIDEWALK (60' R/W) WITHIN CITY OF BELLEVUE, BLAINE COUNTY, IDAHO PREPARED FOR CITY OF BELLEVUE</p>	
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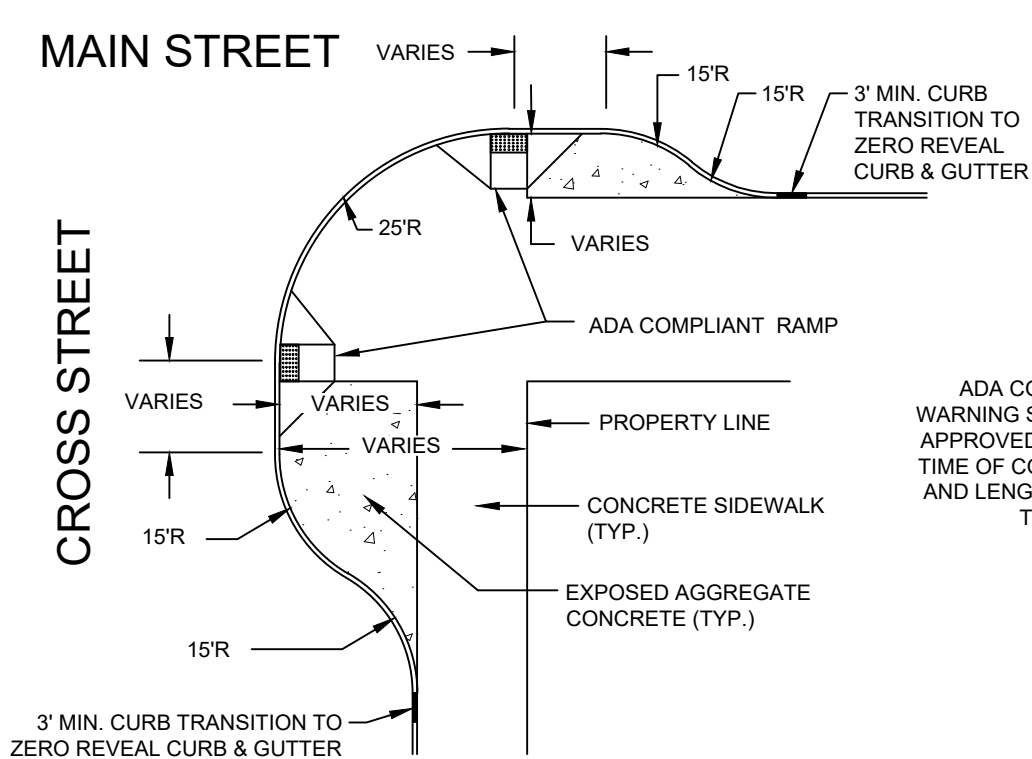
COMMERCIAL STREET WITH CURB & GUTTER AND SIDEWALK (80' R/W)
(TYPICAL SECTION)

N.T.S.

NOTE:

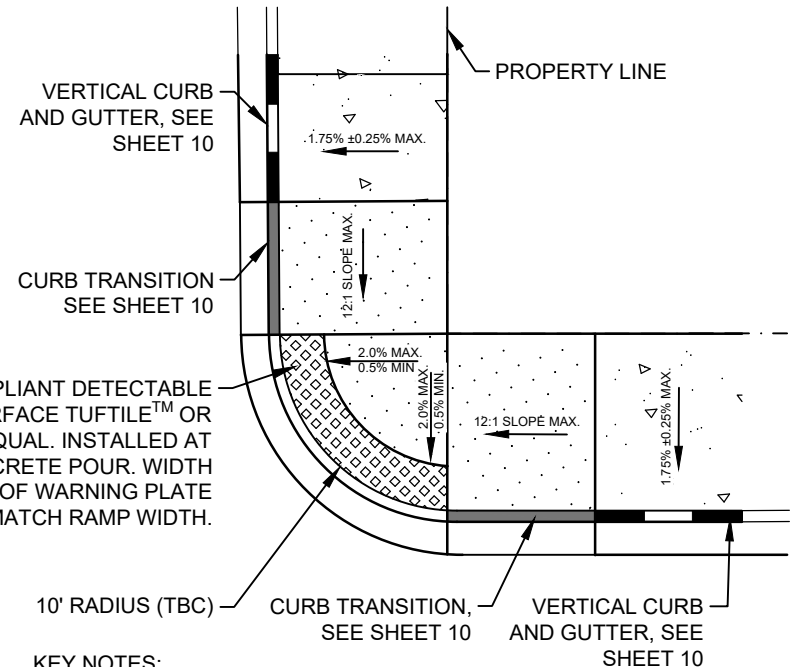
1. SEE SHEET 1 FOR GENERAL CONSTRUCTION NOTES.
2. PARALLEL PARKING STALLS ARE 9' WIDE BY 22' LONG.
3. ADA COMPLIANT CURB AND SIDEWALK RAMPS REQUIRED AT INTERSECTIONS.
4. SEE SHEET 11 FOR CROSSWALK MARKING CONFIGURATION DETAIL.
5. (TYP.) COLLECT STORMWATER/SNOWMELT AT LOW POINTS IN ROAD GRADE AND INTERSECTIONS. SEE DRAINAGE DETAILS SHEET 12 AND 13.

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TYPICAL STREET CORNER BULBOUT DETAIL

N.T.S.



KEY NOTES:

1. RAMP CONFIGURATION SHOWN HEREON IS PREFERRED. CITY MAY APPROVE ALTERNATE CONFIGURATIONS IF SITE RESTRICTIONS EXIST.
2. ALTERNATE RAMPS MUST CONFORM WITH CURRENT ISPWC PEDESTRIAN RAMP STANDARD DRAWING 712.

ADA COMPLIANT RAMP DETAIL

N.T.S.

NOTES:

1. INSTALL SCORE JOINTS AT INTERVALS TO MATCH WIDTH OF WALK NOT TO EXCEED 5 FEET SPACING IN BOTH THE LONGITUDINAL AND TRANSVERSE DIRECTION FOR SIDEWALK GREATER THAN 5 FEET IN WIDTH. INSTALL EXPANSION JOINTS EVERY 10 FEET IN LONGITUDINAL DIRECTION.
2. 1/2" TRANSVERSE PREFORMED BITUMINOUS JOINTS AT THE TERMINUS POINTS FOR CURVE AND WHERE SIDEWALK IS PLACED BETWEEN TWO PERMANENT FOUNDATIONS OR ADJACENT TO THE STRUCTURE, PLACE 1/2" EXPANSION JOINT MATERIAL ALONG THE BACK OF WALK THE FULL LENGTH.
3. SIDEWALK CONSTRUCTION JOINTS SHALL BE CONSTRUCTED APPROXIMATELY 1/8" WIDE, 3/4" IN DEPTH AND FINISHED AND EDGED SMOOTH. A PREFORMED EXPANSION JOINT FILLER SHALL BE PLACED EVERY 40' FOR NEW SIDEWALK CONSTRUCTION.
4. WHEN TRANSITIONING NEW SIDEWALK TO EXISTING, A MINIMUM 5' TRANSITIONAL PANEL SHALL BE SEPARATED AND ISOLATED WITH EXPANSION MATERIAL.
5. SIDEWALK ALIGNMENT TRANSITIONS SHALL HAVE A MINIMUM RADIUS OF 30' TO THE FACE OF CURB.

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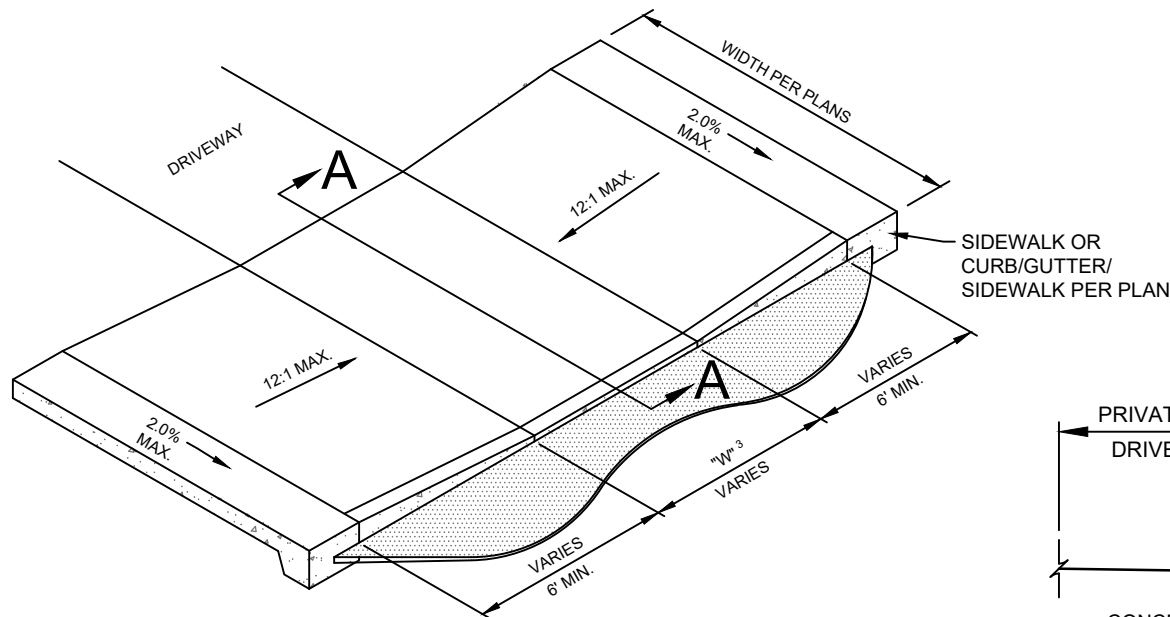
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CITY OF BELLEVUE STREET CONSTRUCTION STANDARDS
STREET CORNER BULBOUT AND RADIUS DETAILS
WITHIN CITY OF BELLEVUE, BLAINE COUNTY, IDAHO
PREPARED FOR CITY OF BELLEVUE

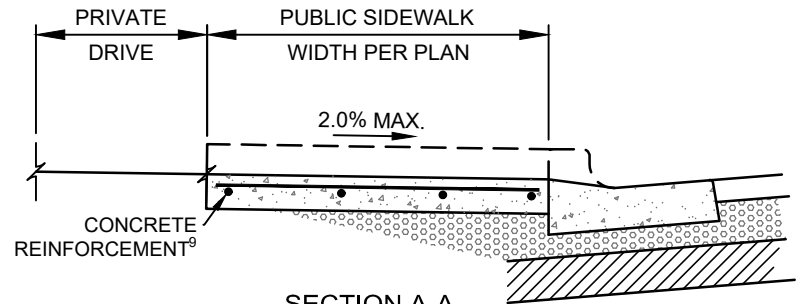
PROJECT INFORMATION

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REFER TO SITE LAYOUT PLANS FOR ACTUAL RAMP CONFIGURATION,
SITE LAYOUT PLAN SHALL SUPERSEED DETAIL CONFIGURATION

ISOMETRIC VIEW



SECTION A-A

NOTES:

1. A CITY OF BELLEVUE ENCROACHMENT PERMIT IS REQUIRED TO CONSTRUCT NEW DRIVEWAYS THROUGH EXISTING CURBS AND SIDEWALKS.
2. EXISTING CURB AND SIDEWALK SECTION TO BE REMOVED (SAWCUTS REQUIRED) PRIOR TO CONSTRUCTION OF VEHICULAR APPROACHES.
3. THE WIDTH "W" OF A VEHICLE APPROACH PROVIDING ACCESS TO RESIDENTIAL USES SHALL BE A MAXIMUM OF THIRTY FEET (30'). VEHICLE APPROACHES PROVIDING TWO-WAY ACCESS TO COMMERCIAL USES SHALL BE A MAXIMUM OF FORTY FEET (40') WIDE UNLESS A WIDER WIDTH IS DEEMED APPROPRIATE BY THE CITY ENGINEER.
4. VEHICLE APPROACHES SHALL BE LOCATED AT LEAST THIRTY FEET (30') FROM THE INTERSECTION OF THE CURB LINE OF AN INTERSECTING STREET AND TEN FEET (10') FROM PROPERTY LINES.
5. APPROACHES SHALL BE LIMITED TO ONE PER STREET FRONTAGE FOR EACH LOT, WITH THE FOLLOWING EXEMPTIONS:
 - 5.1. TWO TWENTY FOOT (20') CURB CUTS MAY BE PERMITTED TO COMMERCIAL USES WHERE ONE CUT WILL BE EGRESS ONLY AND THE OTHER INGRESS ONLY.
- 5.2. ADDITIONAL APPROACHES MAY BE AUTHORIZED BY THE CITY ENGINEER WHERE AN EXCEPTIONALLY LONG STREET FRONTAGE OR TRAFFIC CONDITIONS IN THE AREA ALLOW FOR SUCH APPROACHES.
6. TRUNCATED DOMES ARE NOT TO BE INSTALLED IN SIDEWALK AT DRIVEWAYS.
7. CURB AND SIDEWALK MAY BE CAST MONOLITHIC WITH PRIOR APPROVAL OF CITY ENGINEER. (STRIKE DUMMY JOINT AT BACK OF CURB).
8. DRIVEWAYS WITHIN STATE OF IDAHO RIGHT-OF-WAY ARE SUBJECT TO IDAHO TRANSPORTATION DEPARTMENT STANDARDS AND PERMITS.
9. REINFORCEMENT SHALL BE 6X6-W2.1/2.1 WELDED WIRE MESH OR NO. 4 REBAR AT 1'-0" CENTERS EACH WAY CENTERED IN SLAB.
10. FORMS SHALL BE INSPECTED BY THE CITY PRIOR TO PLACING CONCRETE. NO EXCEPTIONS.
11. MAINTENANCE OF AN APPROACH IS THE RESPONSIBILITY OF THE PROPERTY OWNER.

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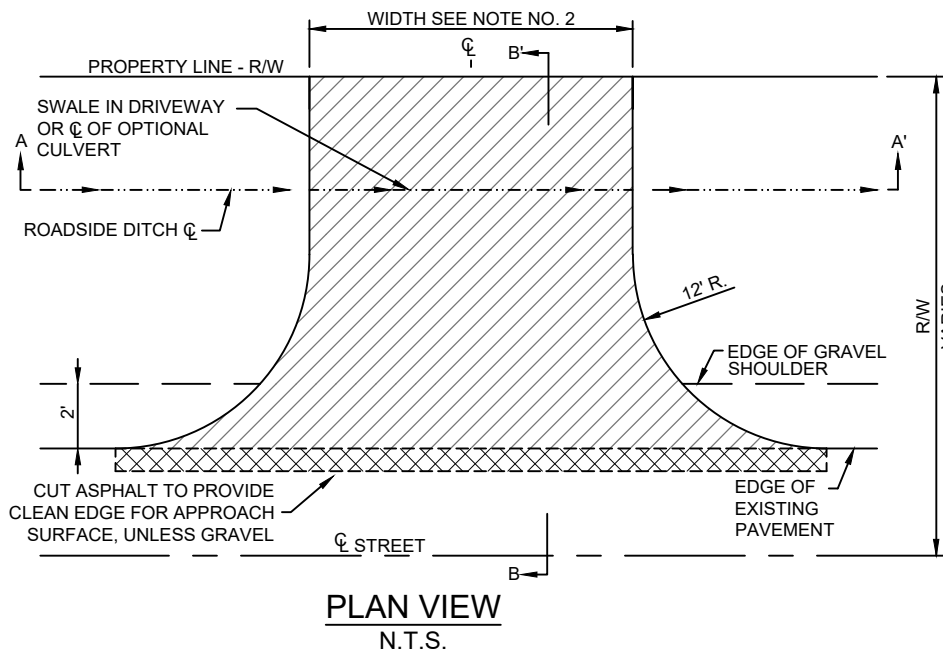
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CITY OF BELLEVUE STREET CONSTRUCTION STANDARDS
DRIVEWAY APPROACH FOR STREET WITH CURB
WITHIN CITY OF BELLEVUE, BLAINE COUNTY, IDAHO
PREPARED FOR CITY OF BELLEVUE

PROJECT INFORMATION

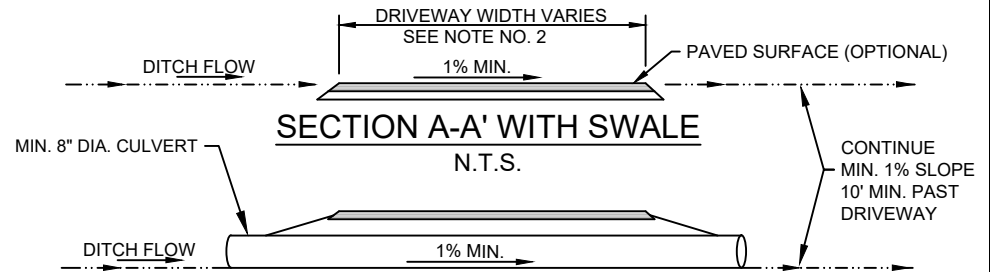
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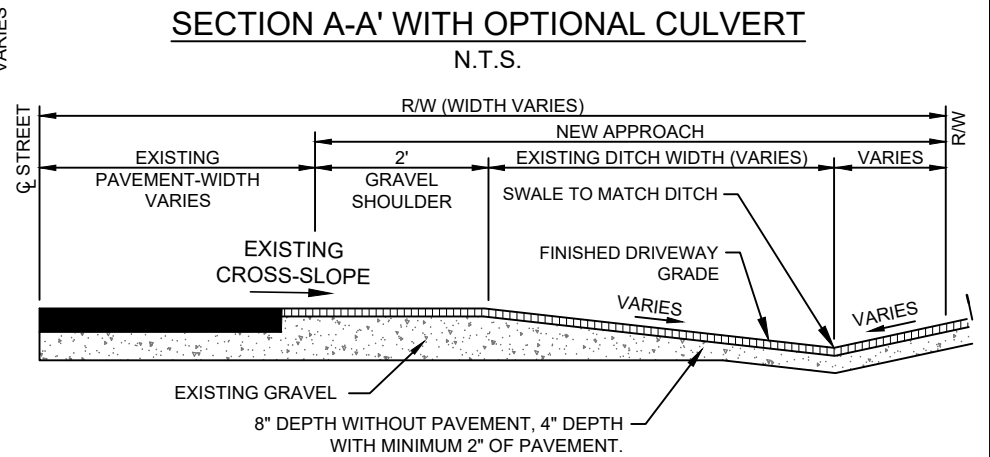
PLAN VIEW
N.T.S.

NOTES:

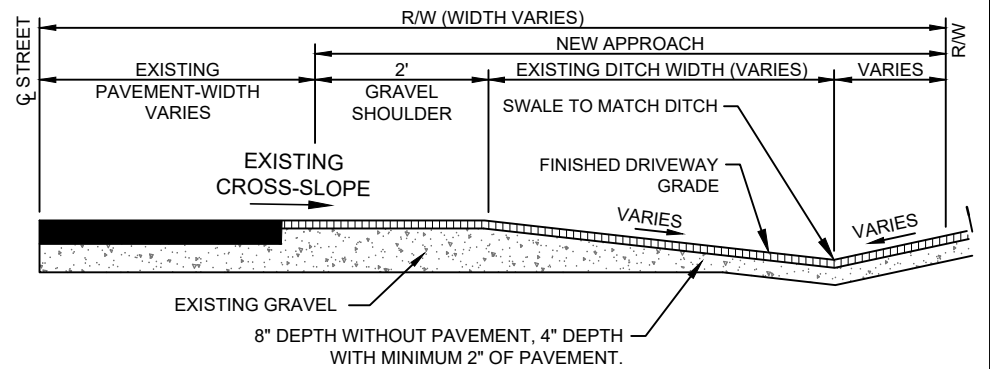
1. A CITY OF BELLEVUE ENCROACHMENT PERMIT IS REQUIRED TO CONSTRUCT NEW DRIVEWAYS ON EXISTING STREETS.
2. THE WIDTH "W" OF A VEHICLE APPROACH PROVIDING ACCESS TO RESIDENTIAL USES SHALL BE A MAXIMUM OF THIRTY FEET (30'). VEHICLE APPROACHES PROVIDING TWO-WAY ACCESS TO COMMERCIAL USES SHALL BE A MAXIMUM OF FORTY FEET (40') WIDE UNLESS A WIDER WIDTH IS DEEMED APPROPRIATE BY THE CITY ENGINEER.
3. VEHICLE APPROACHES SHALL BE LOCATED AT LEAST THIRTY FEET (30') FROM THE INTERSECTION OF THE CURB LINE OF AN INTERSECTING STREET AND TEN FEET (10') FROM PROPERTY LINES.
4. APPROACHES SHALL BE LIMITED TO ONE PER STREET FRONTAGE FOR EACH LOT, WITH THE FOLLOWING EXEMPTIONS:
 - 4.1. TWO TWENTY FOOT (20') CURB CUTS MAY BE PERMITTED TO COMMERCIAL USES WHERE ONE CUT WILL BE EGRESS ONLY AND THE OTHER INGRESS ONLY.
 - 4.2. ADDITIONAL APPROACHES MAY BE AUTHORIZED BY THE CITY ENGINEER WHERE AN EXCEPTIONALLY LONG STREET FRONTAGE OR TRAFFIC CONDITIONS IN THE AREA ALLOW FOR SUCH APPROACHES.
5. DRIVEWAYS WITHIN STATE OF IDAHO RIGHT-OF-WAY ARE SUBJECT TO IDAHO TRANSPORTATION DEPARTMENT STANDARDS AND PERMITS.
6. MAINTENANCE OF AN APPROACH IS THE RESPONSIBILITY OF THE PROPERTY OWNER.



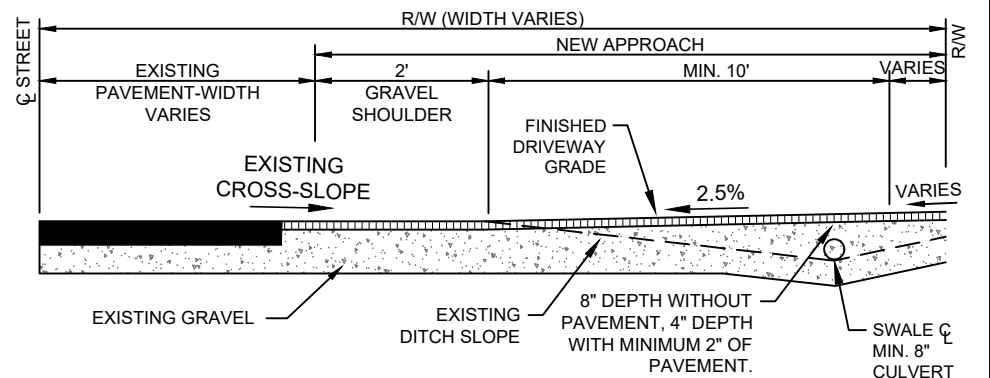
SECTION A-A' WITH SWALE
N.T.S.



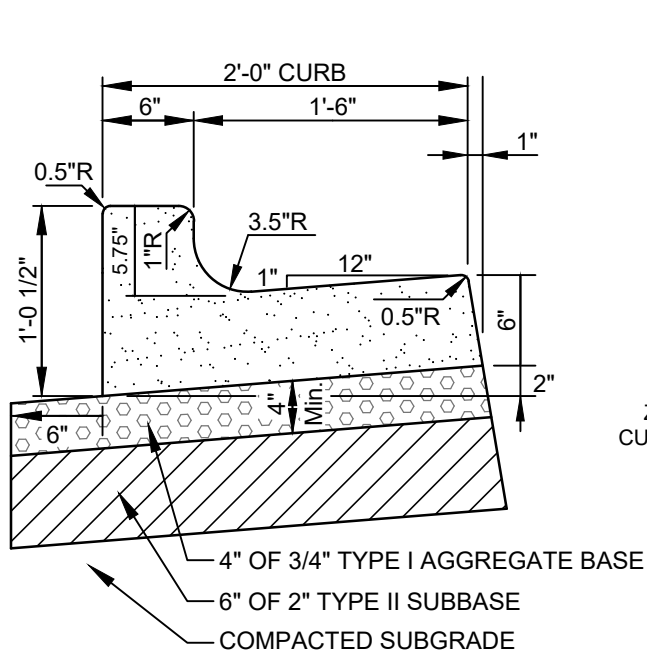
SECTION A-A' WITH OPTIONAL CULVERT
N.T.S.



SECTION B-B' WITH SWALE
N.T.S.



SECTION B-B' WITH OPTIONAL CULVERT
N.T.S.

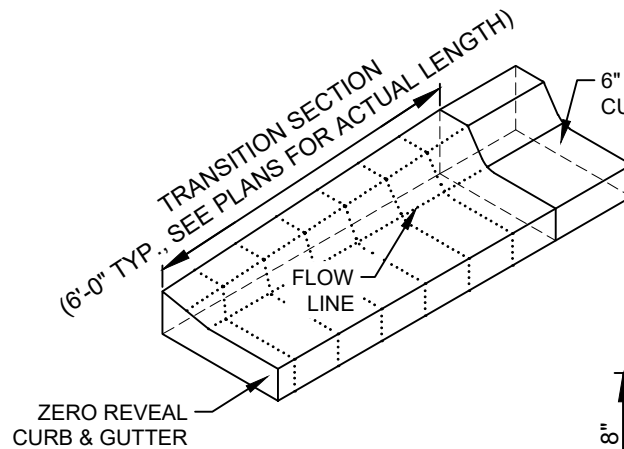


**6" CONCRETE VERTICAL
CURB & GUTTER**

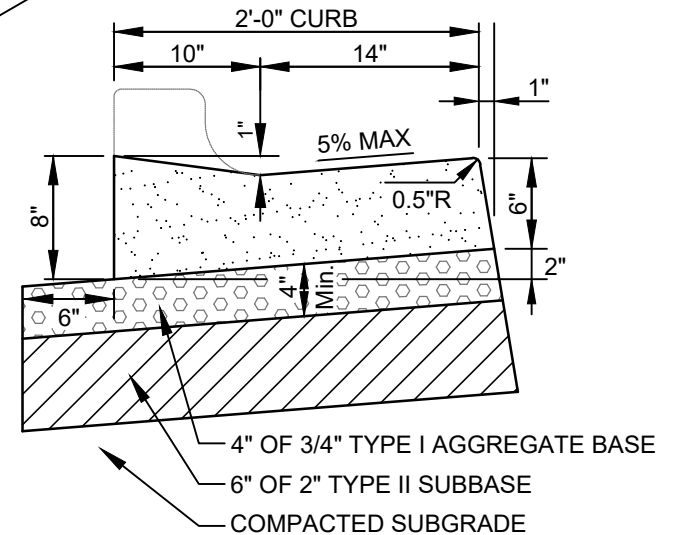
N.T.S.

NOTES:

1. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADII.
2. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS TO MATCH SIDEWALK WITH 10-FEET MAXIMUM SPACING.
3. MATERIALS SHALL CONFORM WITH CURRENT ISPWC STANDARDS, DIVISION 800 AGGREGATES AND ASPHALT.



**TRANSITION SECTION
ISOMETRIC VIEW**

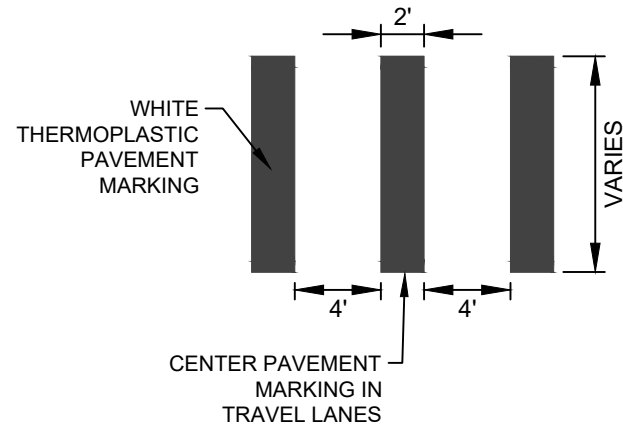


ZERO REVEAL CURB & GUTTER

N.T.S.

NOTES:

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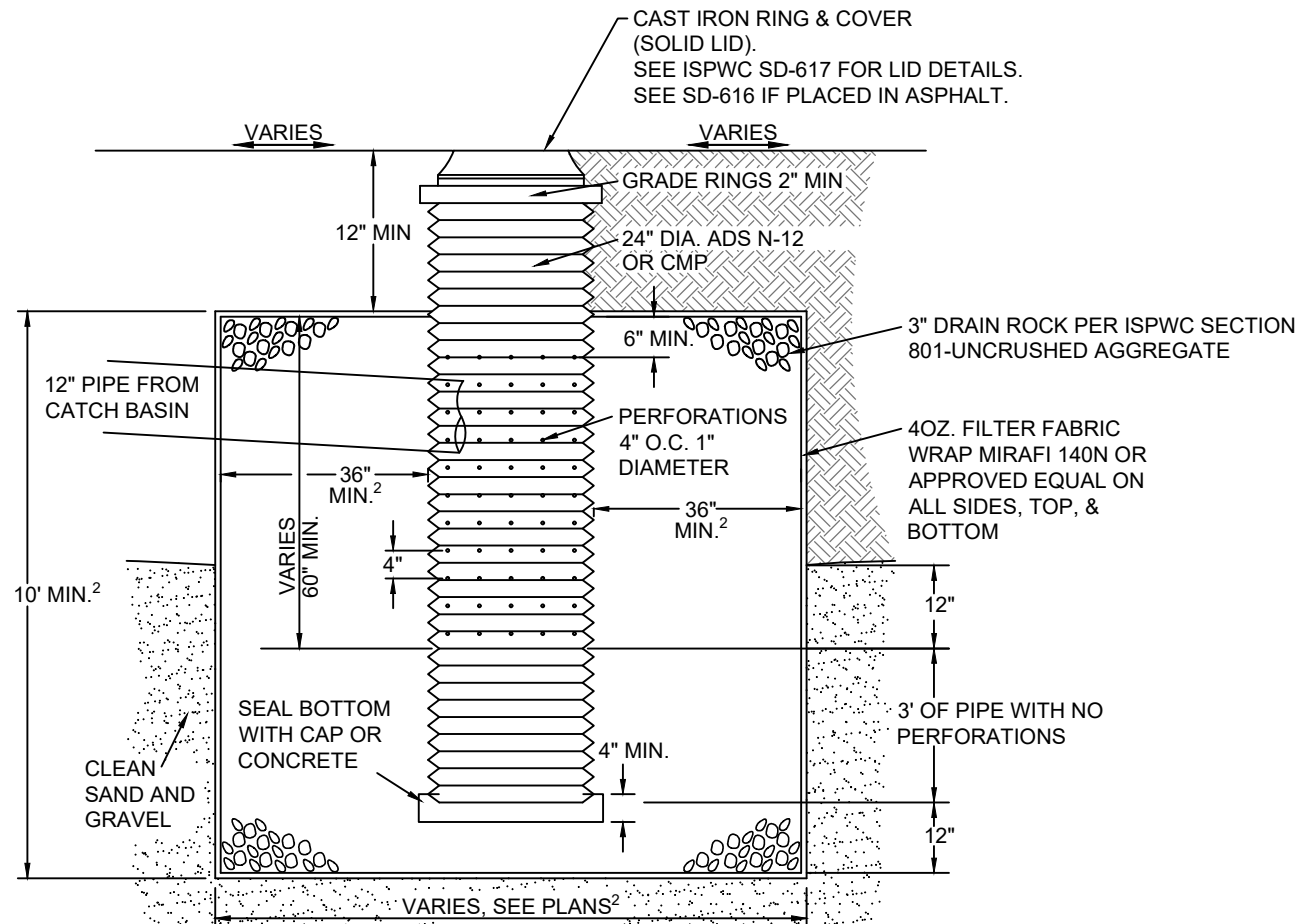


TYPICAL CROSSWALK MARKING DETAIL

N.T.S.

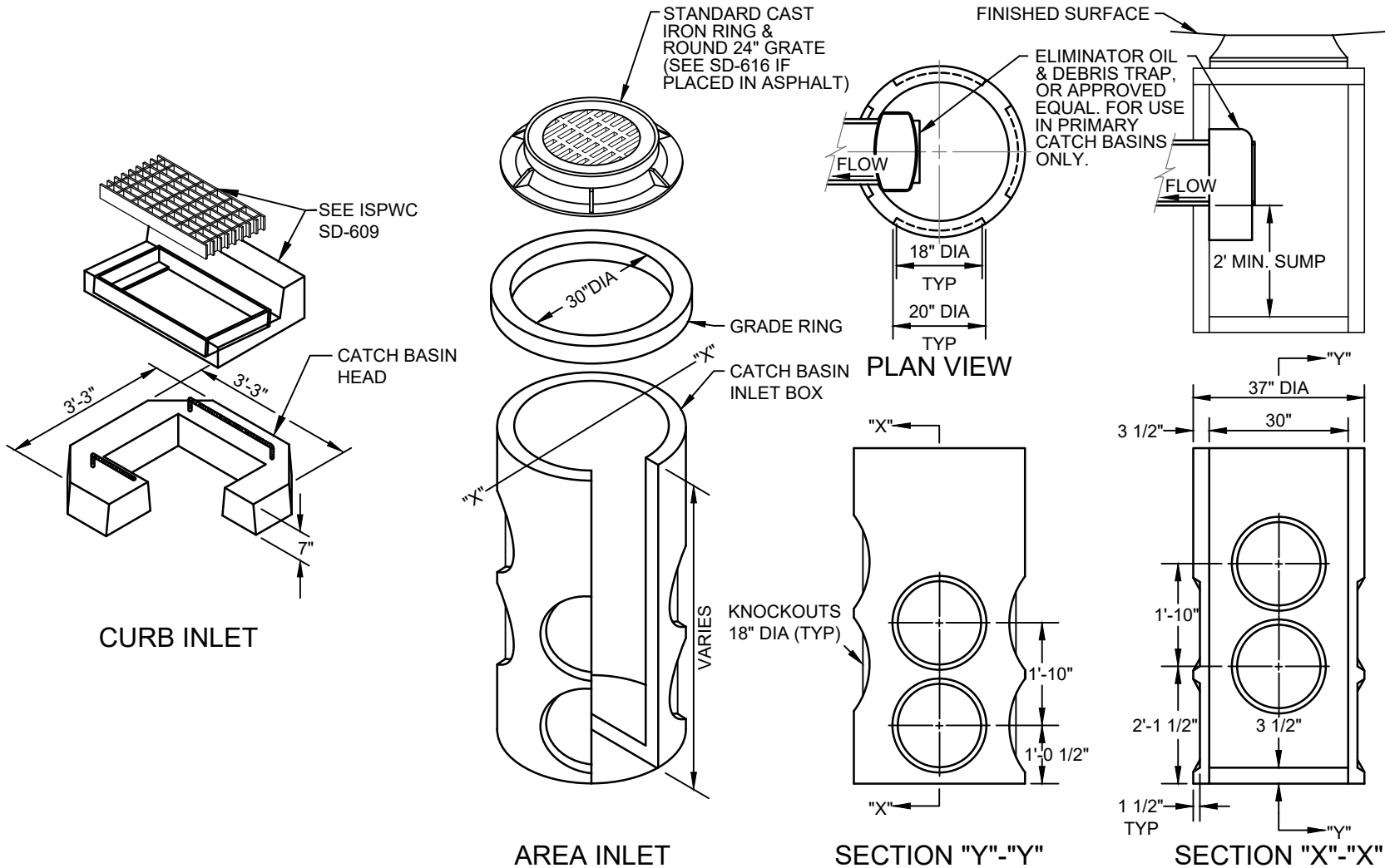
NOTES:

1. CROSS WALK BARS SHALL EXTEND THE LENGTH AND WIDTH OF CROSSWALK AREA.
2. BARS SHALL BE SPACED 2 BAR WIDTHS APART.



DRYWELL INSTALLATION NOTES:

1. THE BED SHALL BE EXCAVATED A MINIMUM OF 24" INTO CLEAN SAND AND GRAVEL. IF CLEAN SAND AND GRAVEL IS NOT ENCOUNTERED WITHIN 12 FEET, THE CONTRACTOR SHALL CONTACT THE ENGINEER.
2. FOR DRYWELLS IN PUBLIC RIGHTS-OF-WAY, DIRECT SURFACE FLOW INTO DRYWELL IS NOT ALLOWED. DRYWELL INFLOW SHALL COME FROM CONNECTION TO CATCH BASIN(S).
3. CATCH BASINS WITHIN STATE OF IDAHO RIGHT-OF-WAY ARE SUBJECT TO IDAHO TRANSPORTATION DEPARTMENT STANDARDS AND PERMITS.
4. ACTUAL DRYWELL DIMENSIONS PER ENGINEER'S DESIGN.



CATCH BASIN INSTALLATION NOTES:

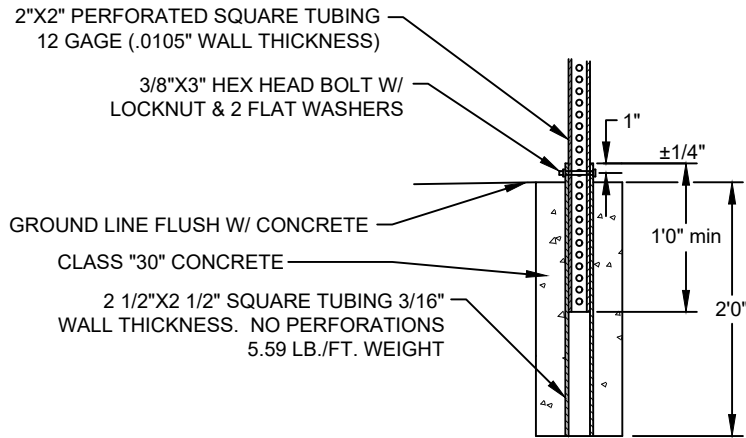
1. A PRIMARY CATCH BASIN IS DEFINED AS THE FIRST STORM STRUCTURE UPSTREAM OF A DRYWELL. A SATELLITE CATCH BASIN IS DEFINED AS THE STORM STRUCTURE UPSTREAM OF THE PRIMARY CATCH BASIN.
2. THE OIL & DEBRIS TRAP SHALL BE INSTALLED ON THE OUTLET OF THE PRIMARY CATCH BASIN ONLY, NOT ON SATELLITE CATCH BASINS.
3. PLACE A MINIMUM OF 4" OF COMPACTED BEDDING ON PREPARED SUBGRADE AS SPECIFIED IN ISPWC SECTION 305 - PIPE BEDDING. EXTEND BEDDING EITHER TO THE LIMITS OF THE EXCAVATION OR AT LEAST 12" OUTSIDE THE LIMITS OF THE BASE SECTION.
4. FILL THE BALANCE OF THE EXCAVATED AREA WITH SELECT MATERIAL COMPACTED LEVEL TO THE TOP OF THE BEDDING.
5. PROVIDE A SMOOTH AND LEVEL BEARING SURFACE ON THE BEDDING SURFACE.
6. CATCH BASINS WITHIN STATE OF IDAHO RIGHT-OF-WAY ARE SUBJECT TO IDAHO TRANSPORTATION DEPARTMENT STANDARDS AND PERMITS.

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REUSE OF DRAWINGS: These drawings, or any portion thereof, shall not be used on any Project or extensions of this Project except by agreement in writing with Galena Engineering, Inc..

CITY OF BELLEVUE STREET CONSTRUCTION STANDARDS
CATCH BASIN DETAIL
 WITHIN CITY OF BELLEVUE, BLAINE COUNTY, IDAHO
 PREPARED FOR CITY OF BELLEVUE

PROJECT INFORMATION
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2"x2" PERFORATED SQUARE TUBING
12 GAGE (.0105" WALL THICKNESS)

3/8"x3" HEX HEAD BOLT W/
LOCKNUT & 2 FLAT WASHERS

GROUND LINE FLUSH W/ CONCRETE

CLASS "30" CONCRETE

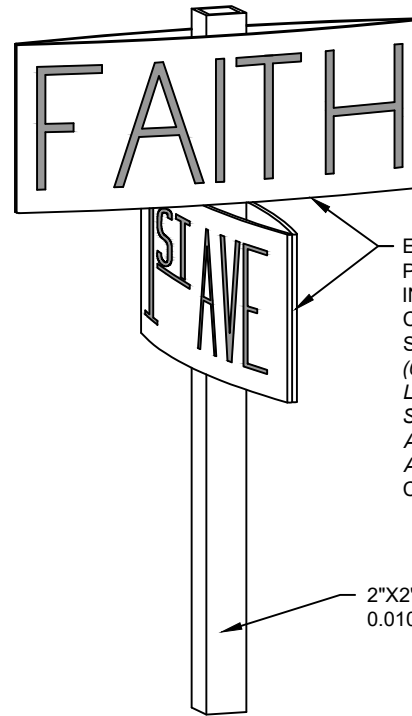
2 1/2"x2 1/2" SQUARE TUBING 3/16"
WALL THICKNESS. NO PERFORATIONS
5.59 LB./FT. WEIGHT

**SIGN POST INSTALLATION DETAIL WITH ONE
PIECE ANCHOR POST FOR USE IN
CONCRETE SIDEWALKS**

N.T.S.

NOTES:

1. ANCHOR SLEEVES SHALL BE INSTALLED SO THAT THE HOLES WILL ALIGN AND THE TOP BE FLUSH WITH THE SIGN POST ANCHOR.
2. ALL INSTALLATIONS SHALL HAVE 8" SQUARE CONCRETE FOUNDATIONS OR SHALL BE GROUTED INTO SOLID ROCK.



EXTRUDED DOUBLE BLADE SIGN WITH HIGH INTENSITY PRISMATIC SHEETING. THE SIGN LETTER HEIGHT SHALL BE IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SECTION 2D.43, STREET NAME SIGNS (D3-1 OR D3-1A).
(06) FOR LOCAL ROADS WITH SPEED LIMITS OF 25 MPH OR LESS, THE LETTERING ON POST-MOUNTED STREET NAME SIGNS MAY BE COMPOSED OF INITIAL UPPER-CASE LETTERS AT LEAST 4 INCHES IN HEIGHT AND LOWER-CASE LETTERS AT LEAST 3 INCHES IN HEIGHT.
COLORS: PUBLIC ROADS: WHITE ON GREEN
PRIVATE ROADS: WHITE ON BLUE

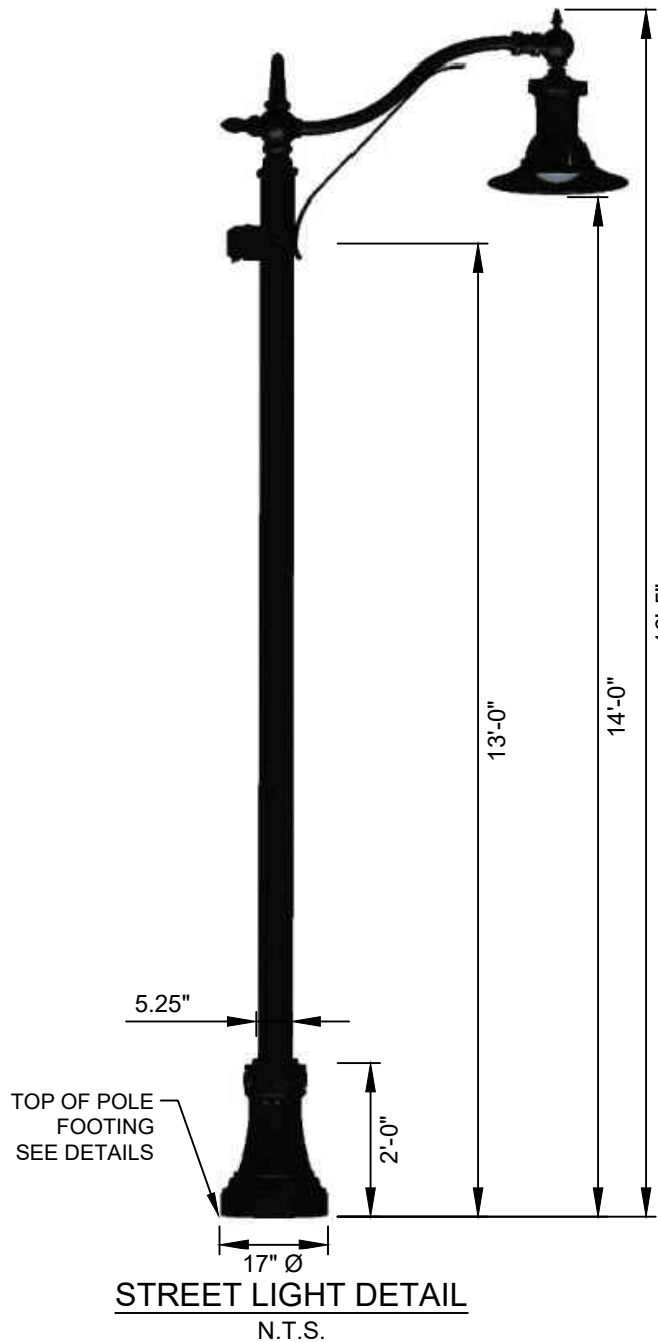
2"x2" TELSPAR POLE 12' TALL, 12 GAGE WALL,
0.0105 WALL THICKNESS

ROAD SIGN DETAIL

N.T.S.

NOTES:

1. ALL STREET SIGNS SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE MUTCD.
2. SIGN PLACEMENT SHALL BE APPROVED BY THE CITY OF BELLEVUE.



NOTES:

1. STREET LIGHT SHALL BE A HOLOPHANE® ESPLANADE® TEARDROP PEDESTRIAN LED PENDANT WITH A NORTH YORKSHIRE ALUMINUM POLE AND 17-INCH BASE AND BOSTON HARBOUR DECORATIVE ROADWAY ARM, INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
2. ANY CONDUITS AND/OR GROUNDING WIRES MUST BE HARDWIRED AND CONTAINED WITHIN A 4.5" Ø CIRCLE CENTERED ON THE FOUNDATION. GROUNDING ELECTRODE WIRE AND AC SUPPLY WIRE (IF REQUIRED) ARE 5' MIN. ABOVE THE BASE.
3. ANCHOR BOLT ORIENTATION TO TRUE NORTH/SOUTH IS ONLY RELEVANT FOR OFF-GRID SOLAR POLES. DISREGARD FOR GRID-TIED POLES.
4. GROUNDING WIRE MUST BE 60" FROM BASE SO IT CAN REACH THE GROUNDING LUG INSIDE THE POLE.
5. STREET LIGHT SHALL BE 17' IN HEIGHT OR AS APPROVED BY CITY OF BELLEVUE.
6. TOP 3.5" OF FOOTING SHALL BE INTEGRATED INTO SIDEWALK, OR POURED AS PAD LARGE ENOUGH TO SUPPORT THE POLE BASE PLATE AND COVER.
7. POLE FOOTING CONCRETE SHALL BE ISPWC CLASS 3000 CONCRETE. CONCRETE REINFORCEMENT IS ASTM 615 OR 706, 60 KSI STEEL BARS. FOOTING CONCRETE SHALL CURE A MINIMUM OF 14 DAYS PRIOR TO POLE INSTALLATION OR TORQUING OF ANCHOR BOLTS.

