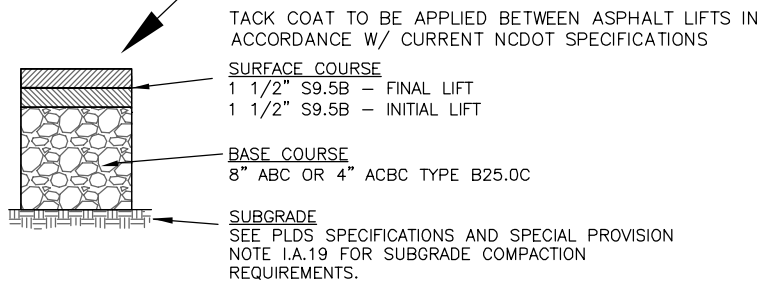


TYPICAL SECTION



TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) &
COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1
FOR BASE REQUIREMENTS.

NOTES:

1. DEVELOPER MAY SUBMIT AN ALTERNATIVE PAVEMENT DESIGN TO TOWN ENGINEER.
2. AN ALTERNATIVE PAVEMENT DESIGN MAY BE REQUIRED BY NCDOT BASED ON SPECIFIC TRAFFIC PARAMETERS.
3. SIDEWALK EASEMENT MAY BE REQUIRED.
4. IRRIGATION SYSTEMS ARE NOT ALLOWED IN THE STREET RIGHTS-OF-WAY UNLESS AN ENCROACHMENT AGREEMENT HAS BEEN ISSUED BY THE TOWN OF PINEVILLE.
5. TREES PROPOSED IN THE PLANTING STRIPS OR RIGHTS-OF-WAY SHALL BE APPROVED BY THE TOWN OF PINEVILLE PRIOR TO INSTALLATION.
6. ALL PROPOSED ROADWAYS IN COMMERCIAL AND INDUSTRIAL DEVELOPMENTS SHALL BE CONSIDERED COMMERCIAL COLLECTOR STREETS.
7. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

NOT TO SCALE

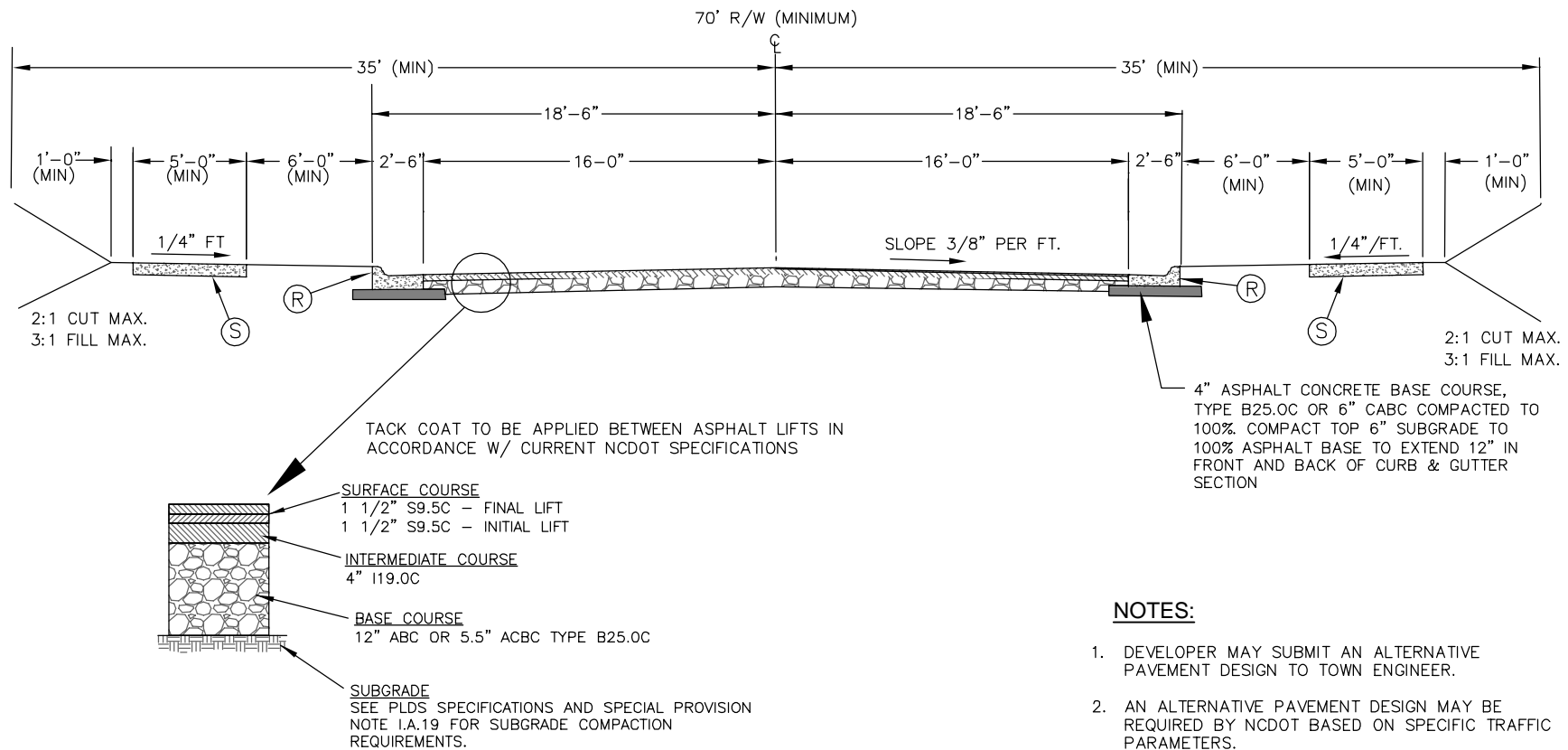


**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

MAJOR COLLECTOR STREET

2/28/23

STD. NO.	REV.
10.01	7



TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.

NOTES:

1. DEVELOPER MAY SUBMIT AN ALTERNATIVE PAVEMENT DESIGN TO TOWN ENGINEER.
2. AN ALTERNATIVE PAVEMENT DESIGN MAY BE REQUIRED BY NCDOT BASED ON SPECIFIC TRAFFIC PARAMETERS.
3. SIDEWALK EASEMENT MAY BE REQUIRED.
4. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

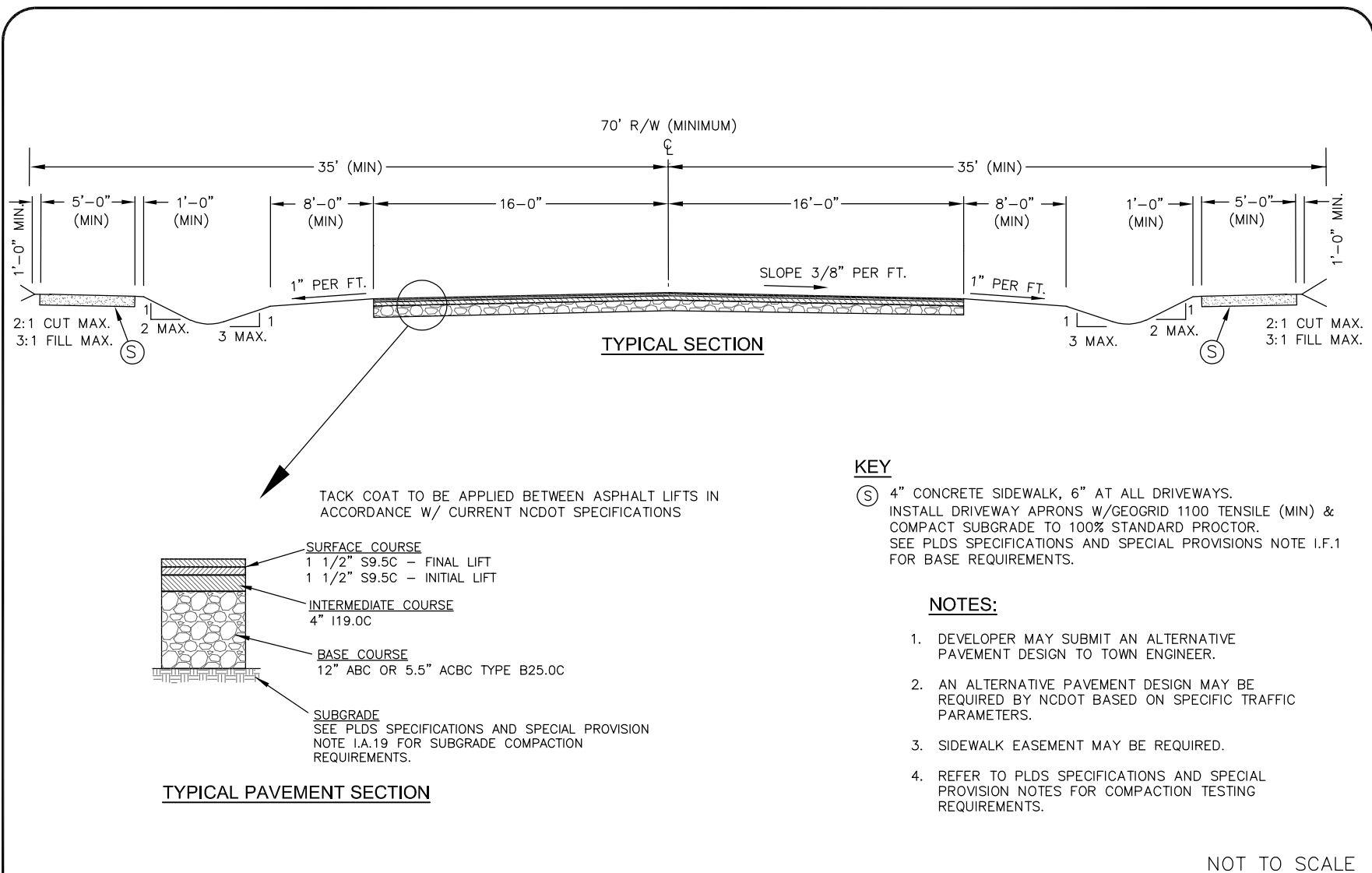
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TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

INDUSTRIAL STREET

REV. DATE	
2/28/23	
STD. NO.	REV.
10.03	7

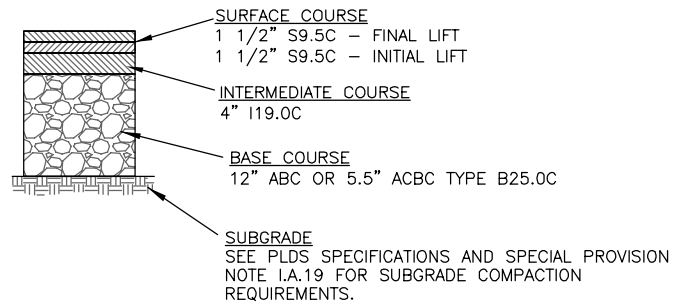
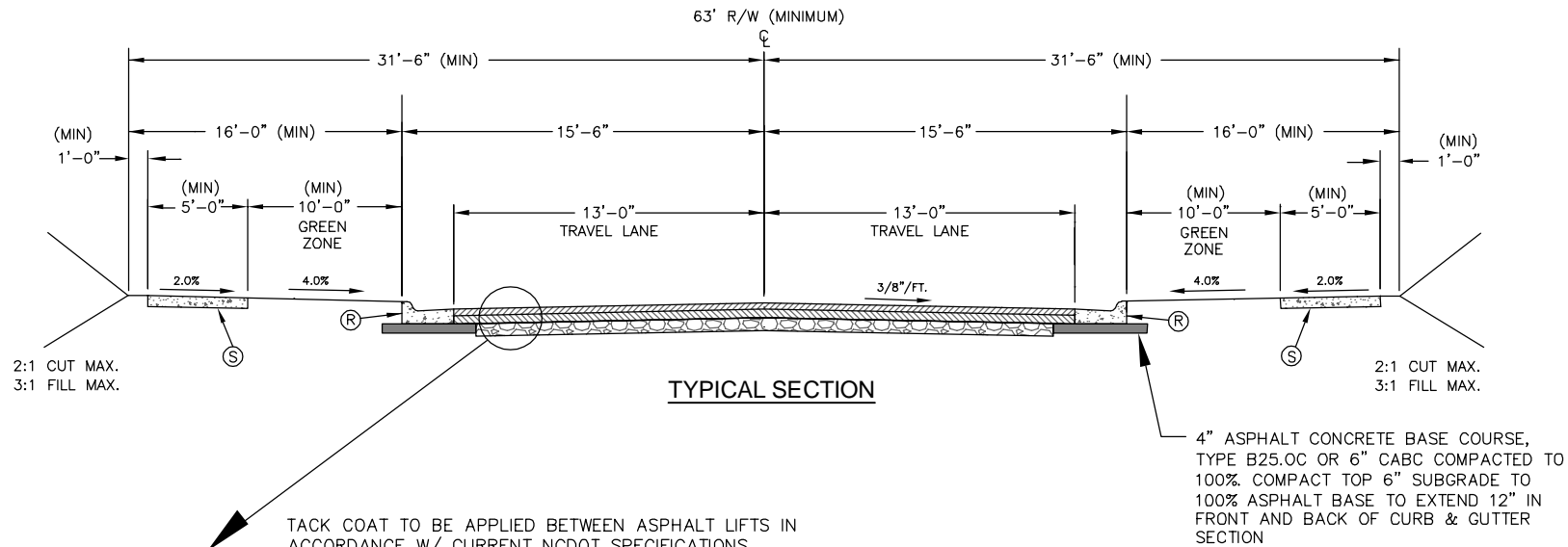


TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

INDUSTRIAL STREET
(DITCH TYPE)

2/29/20

STD. NO.	REV.
10.04	4



KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.

NOTES:

1. DEVELOPER MAY SUBMIT AN ALTERNATIVE PAVEMENT DESIGN TO TOWN ENGINEER.
2. AN ALTERNATIVE PAVEMENT DESIGN MAY BE REQUIRED BY NCDOT BASED ON SPECIFIC TRAFFIC PARAMETERS.
3. SIDEWALK EASEMENT MAY BE REQUIRED.
4. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

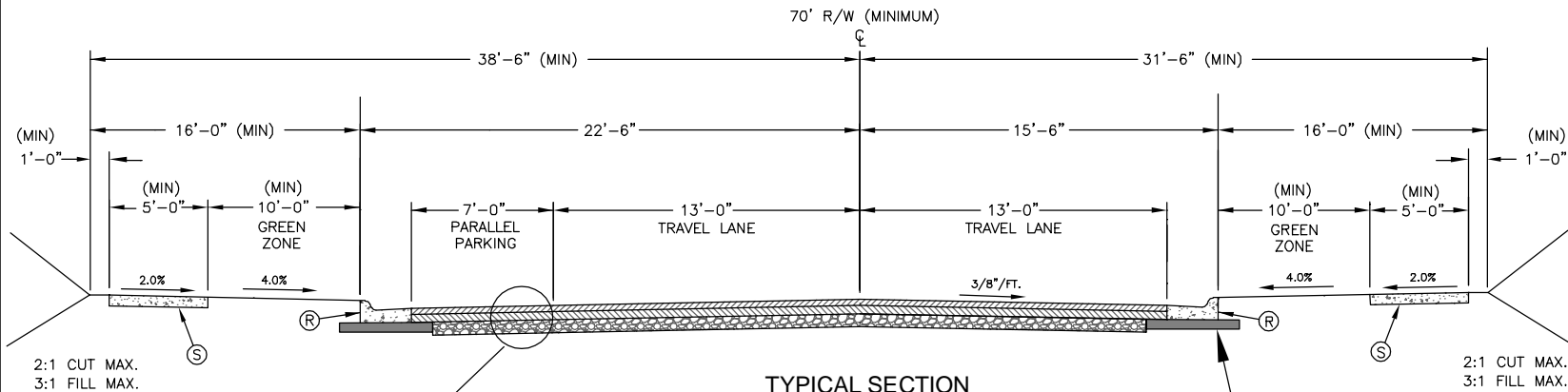
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TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

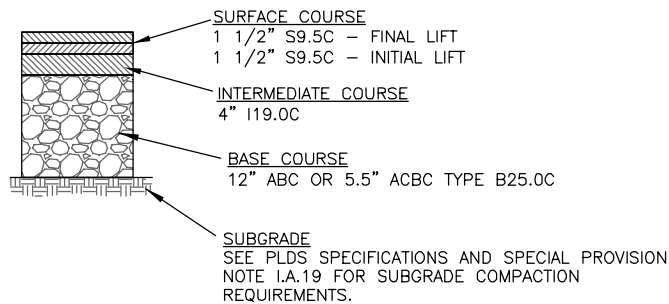
INDUSTRIAL LOCAL STREET
NO PARKING

REV. DATE	
2/28/23	
STD. NO.	REV.
10.04A	7



TYPICAL SECTION

TACK COAT TO BE APPLIED BETWEEN ASPHALT LIFTS IN ACCORDANCE W/ CURRENT NCDOT SPECIFICATIONS



TYPICAL PAVEMENT SECTION

4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C OR 6" CABC COMPACTED TO 100%. COMPACT TOP 6" SUBGRADE TO 100% ASPHALT BASE TO EXTEND 12" IN FRONT AND BACK OF CURB & GUTTER SECTION

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS. INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR. SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.

NOTES:

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET.
2. TREE TO BE PLANTED FOUR FEET FROM SIDEWALK.
3. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

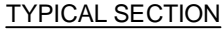
NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**INDUSTRIAL LOCAL STREET
PARKING ON ONE SIDE OF STREET**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.04B	7



4" ASPHALT CONCRETE BASE COURSE,
TYPE B25.0C OR 6" CABC COMPACTED TO
100%. COMPACT TOP 6" SUBGRADE TO
100% ASPHALT BASE TO EXTEND 12" IN
FRONT AND BACK OF CURB & GUTTER
SECTION



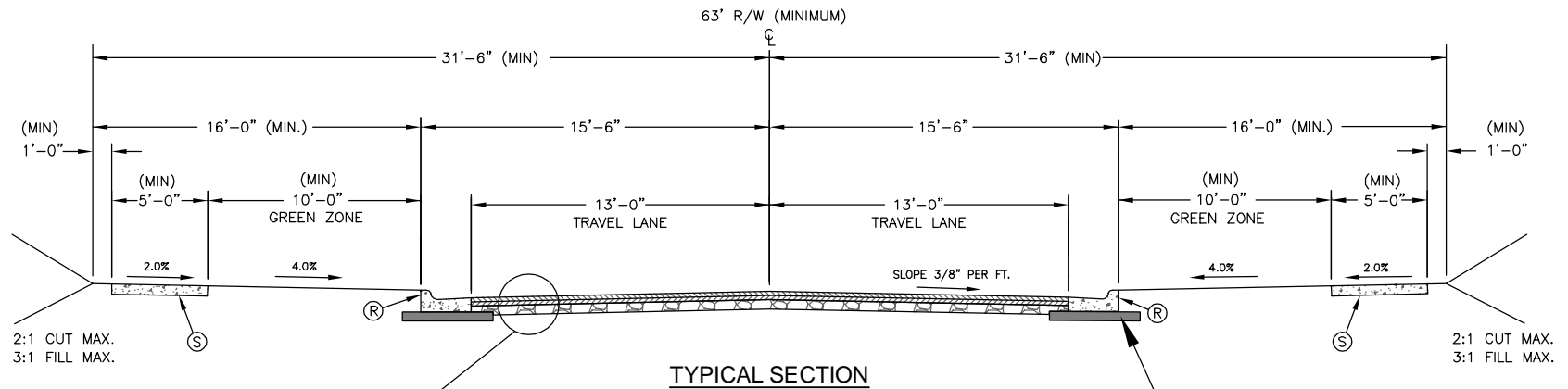
(R) 2'-6" CURB AND GUTTER

(S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) &
COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1
FOR BASE REQUIREMENTS.

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET.
2. TREE TO BE PLANTED FOUR FEET FROM SIDEWALK.
3. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

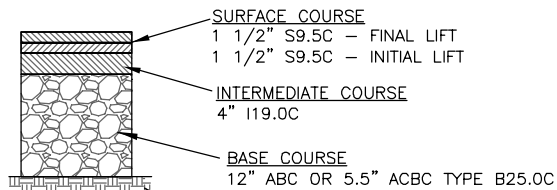
INDUSTRIAL LOCAL STREET
PARKING ON BOTH SIDES OF THE STREET

REV. DATE	
2/28/23	
STD. NO.	REV.
10.04C	7



TYPICAL SECTION

TACK COAT TO BE APPLIED BETWEEN ASPHALT LIFTS IN ACCORDANCE W/ CURRENT NCDOT SPECIFICATIONS



TYPICAL PAVEMENT SECTION

4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C OR 6" CABG COMPACTED TO 100%. COMPACT TOP 6" SUBGRADE TO 100% ASPHALT BASE TO EXTEND 12" IN FRONT AND BACK OF CURB & GUTTER SECTION

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS. INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR. SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.

NOTES:

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET.
2. TREE TO BE PLANTED FOUR FEET FROM SIDEWALK.
3. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

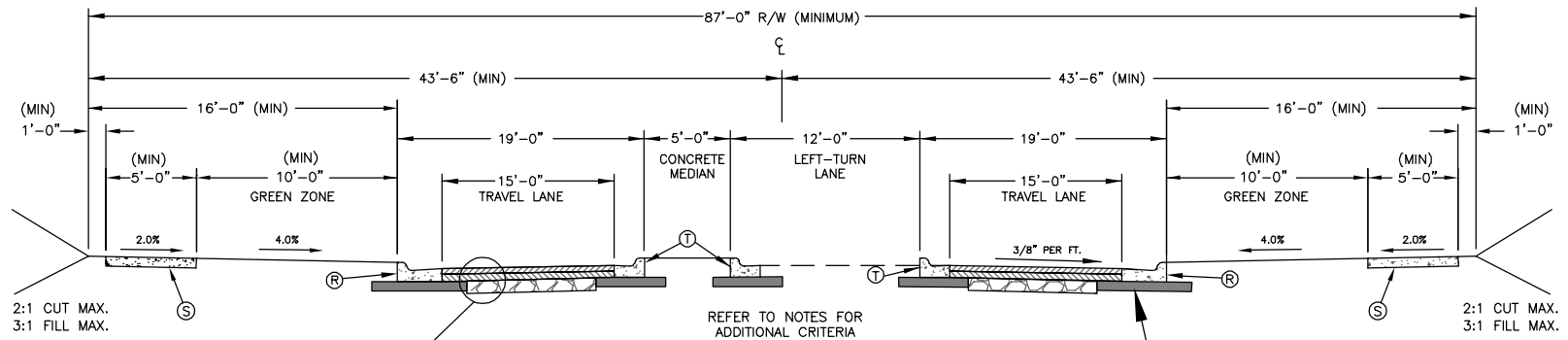
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**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

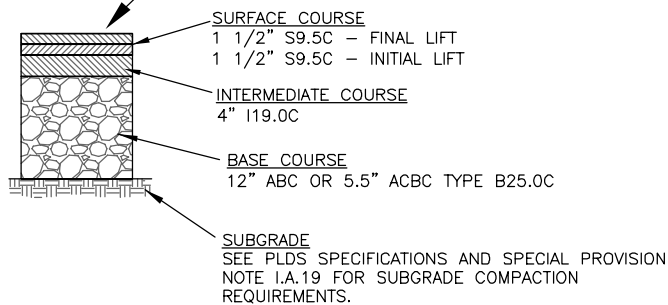
**INDUSTRIAL COLLECTOR STREET
(NO PARKING)**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.04D	7



TYPICAL SECTION
(TWO LANE SECTION)

TACK COAT TO BE APPLIED BETWEEN ASPHALT LIFTS IN ACCORDANCE W/ CURRENT NCDOT SPECIFICATIONS



TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.
- (T) 1'-6" MEDIAN CURB AND GUTTER

NOTES:

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET.
2. TREE TO BE PLANTED FOUR FEET FROM SIDEWALK.
3. FOR MEDIAN DIVIDED FACILITIES, A MINIMUM TWENTY (20) FOOT WIDE MEDIAN WITH ONE FOOT SIX INCH CURB AND GUTTER IS NEEDED. IF A LEFT-TURN LANE IS NOT NEEDED, THE MEDIAN SHALL BE LANDSCAPED.
4. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

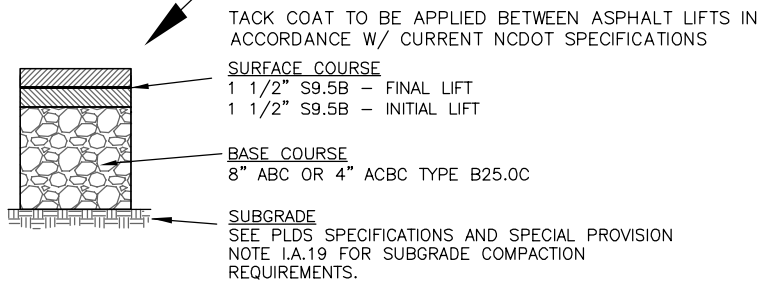
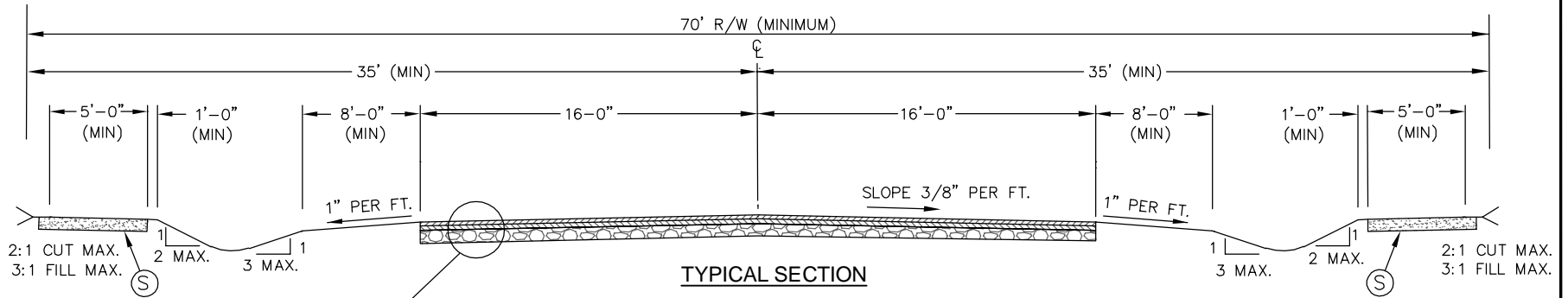
NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**INDUSTRIAL COLLECTOR STREET
WITH MEDIAN AND NO PARKING**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.04E	7



KEY

- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) &
COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1
FOR BASE REQUIREMENTS.

NOTES:

1. DEVELOPER MAY SUBMIT AN ALTERNATIVE PAVEMENT DESIGN TO TOWN ENGINEER.
2. AN ALTERNATIVE PAVEMENT DESIGN MAY BE REQUIRED BY NCDOT BASED ON SPECIFIC TRAFFIC PARAMETERS.
3. SIDEWALK EASEMENT MAY BE REQUIRED.
4. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

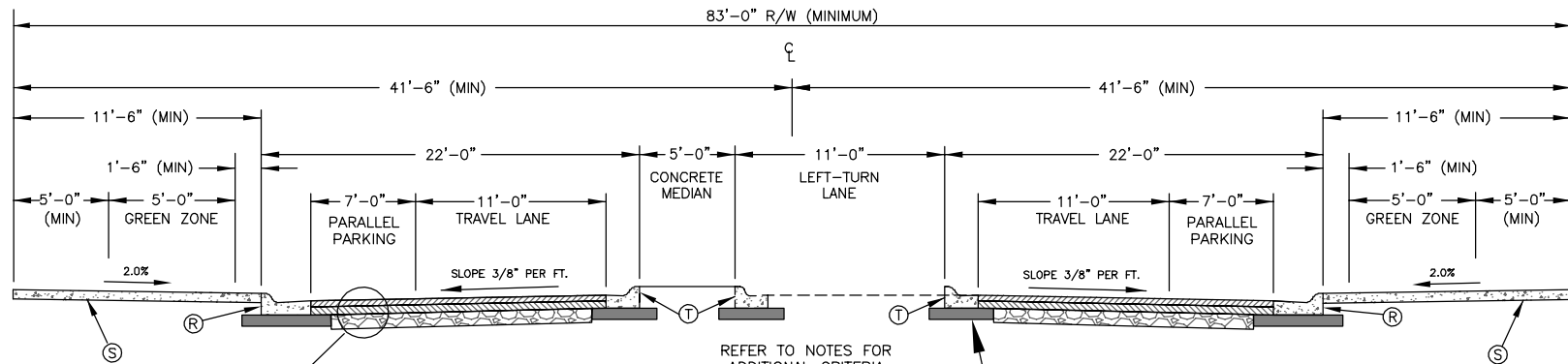
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TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

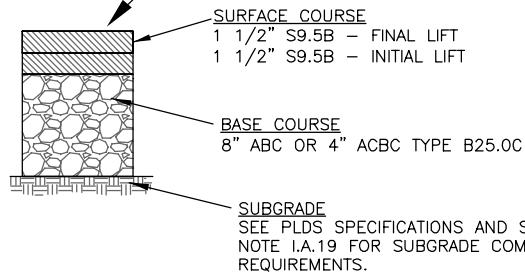
COMMERCIAL STREET
(SPECIAL USE CONDITIONS)

REV. DATE	
2/28/23	
STD. NO.	REV.
10.05	7



REFER TO NOTES FOR
ADDITIONAL CRITERIA
TYPICAL SECTION
(TWO LANE SECTION)

TACK COAT TO BE APPLIED BETWEEN ASPHALT LIFTS IN
ACCORDANCE W/ CURRENT NCDOT SPECIFICATIONS



4" ASPHALT CONCRETE BASE COURSE,
TYPE B25.0C OR 6" CABC COMPACTED TO
100%. COMPACT TOP 6" SUBGRADE TO
100% ASPHALT BASE TO EXTEND 12" IN
FRONT AND BACK OF CURB & GUTTER
SECTION

NOTES:

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET..
2. REFER TO STANDARD DRAWINGS REGARDING SIDEWALK AROUND TREE GRATES. TREE GRATES SHALL BE PROVIDED WHEN TREES ARE LOCATED IN THE GREEN ZONE.
3. FOR MEDIAN DIVIDED FACILITIES, A MINIMUM SIXTEEN (16) FOOT WIDE MEDIAN WITH ONE FOOT SIX INCH CURB AND GUTTER IS NEEDED. WHERE A LEFT-TURN LANE IS NOT INSTALLED, THE MEDIAN SHALL BE LANDSCAPED.
4. REFER TO STANDARD DRAWINGS FOR PARALLEL PARKING LAYOUT.
5. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

KEY TYPICAL PAVEMENT SECTION

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) &
COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1
FOR BASE REQUIREMENTS.
- (T) 1'-6" MEDIAN CURB AND GUTTER

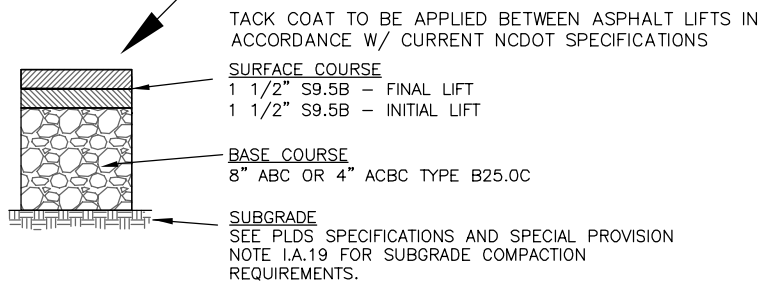
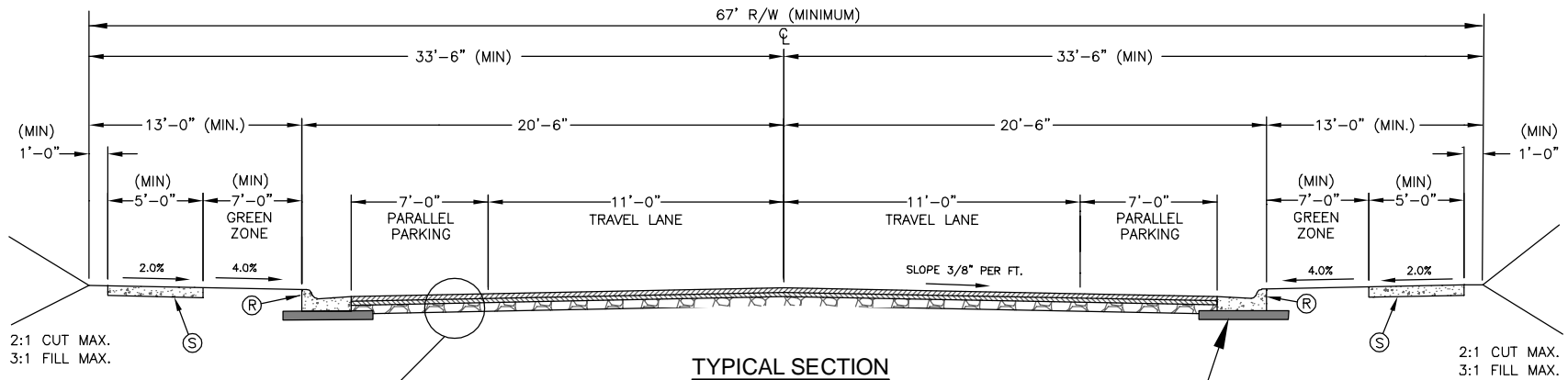
NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**RETAIL/MIXED USE LOCAL STREET
WITH MEDIAN AND PARKING**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.05A	7



KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/ GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.

4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C OR 6" CABG COMPACTED TO 100%. COMPACT TOP 6" SUBGRADE TO 100% ASPHALT BASE TO EXTEND 12" IN FRONT AND BACK OF CURB & GUTTER SECTION

NOTES:

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET.
2. REFER TO STANDARD DRAWINGS FOR PARALLEL PARKING LAYOUT.
3. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

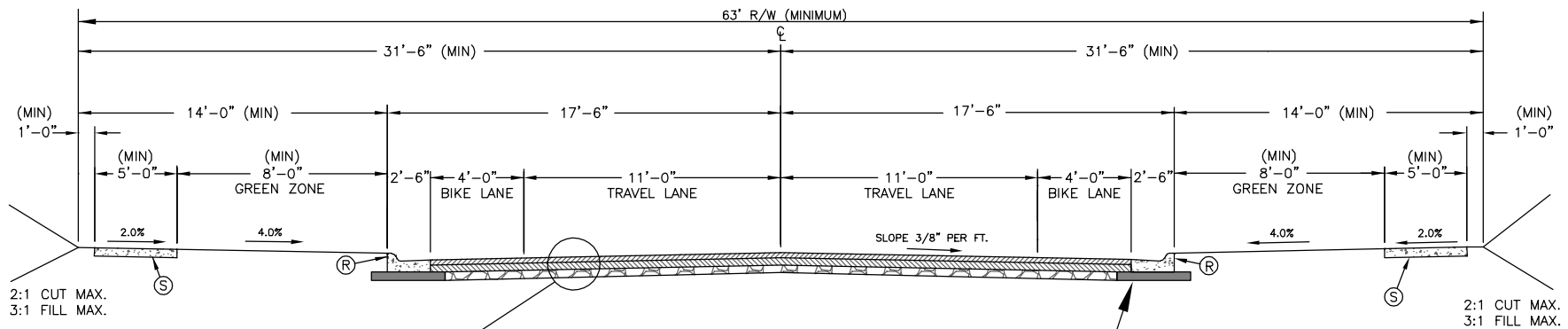
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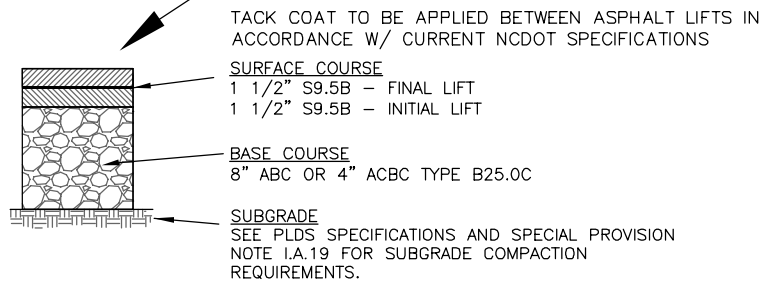
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**RETAIL/MIXED USE LOCAL STREET
PARKING AND GREEN ZONE ON BOTH SIDES**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.05B	7



TYPICAL SECTION



TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) &
COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1
FOR BASE REQUIREMENTS.

NOTES:

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET.
2. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

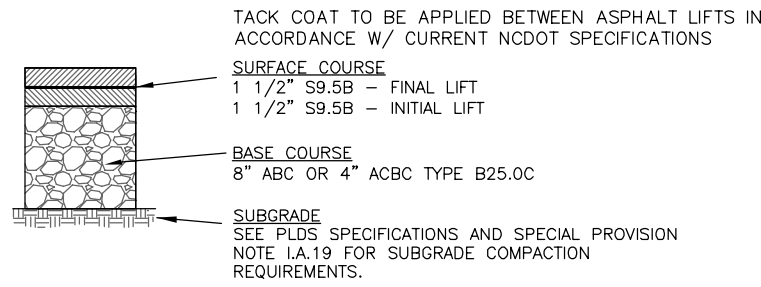
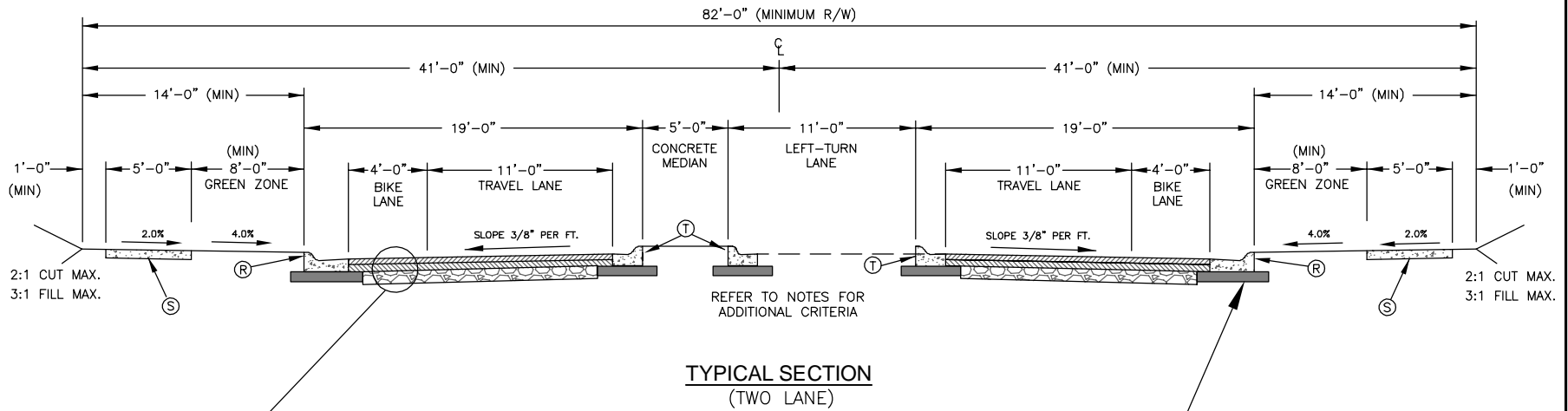
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**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**RETAIL/MIXED USE COLLECTOR STREET
WITH BIKE LANES**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.05C	7



4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C OR 6" CABG COMPACTED TO 100%. COMPACT TOP 6" SUBGRADE TO 100% ASPHALT BASE TO EXTEND 12" IN FRONT AND BACK OF CURB & GUTTER SECTION

NOTES:

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET.
2. FOR MEDIAN DIVIDED FACILITIES, A MINIMUM SIXTEEN (16) FOOT WIDE MEDIAN WITH ONE FOOT SIX INCH CURB AND GUTTER IS NEEDED. IF A LEFT-TURN LANE IS NOT NEEDED, THE MEDIAN SHALL BE LANDSCAPED.
3. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.
- (T) 1'-6" MEDIAN CURB AND GUTTER

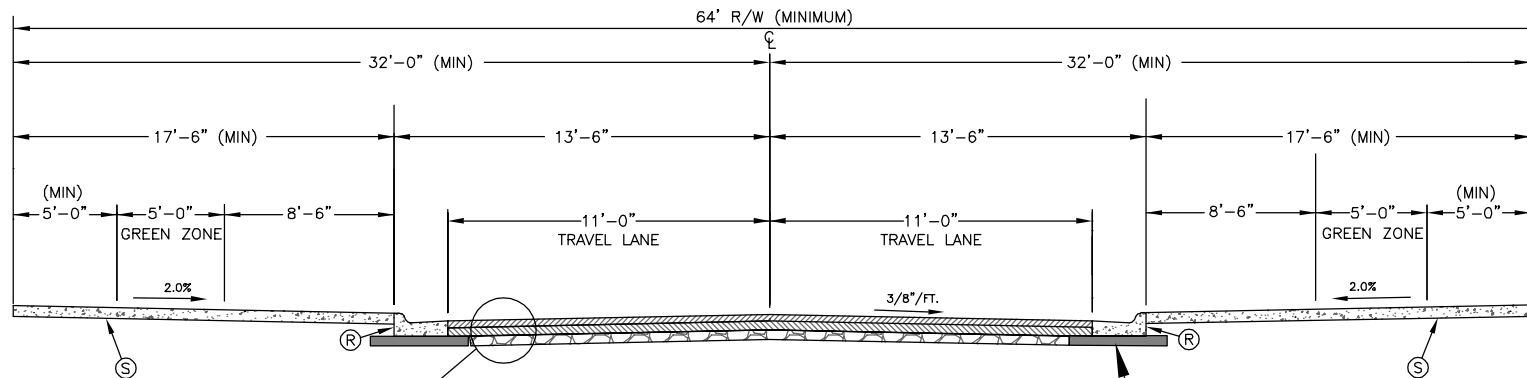
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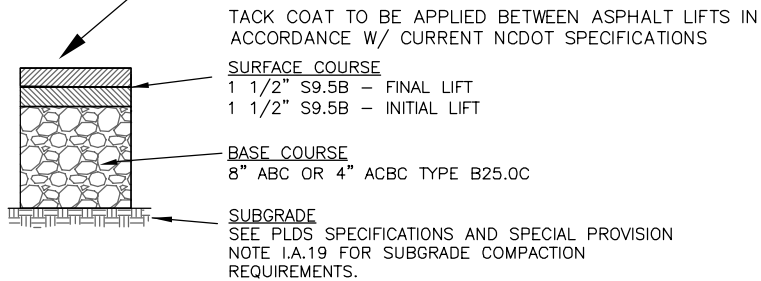
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**RETAIL/MIXED USE COLLECTOR STREET
WITH MEDIAN AND BIKE LANES**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.05D	7



TYPICAL SECTION



TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.

NOTES:

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET.
2. REFER TO STANDARD DRAWINGS REGARDING SIDEWALK AROUND TREE GRATES.
3. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

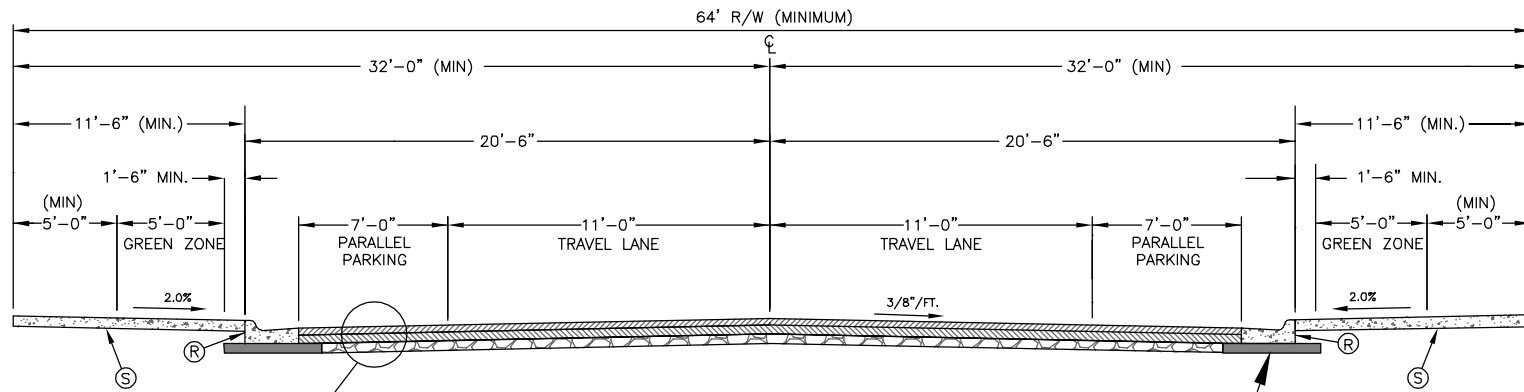
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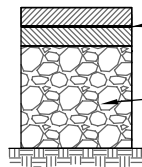
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**RETAIL/MIXED USE LOCAL STREET
(NO PARKING)**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.05E	7



TYPICAL SECTION



TACK COAT TO BE APPLIED BETWEEN ASPHALT LIFTS IN ACCORDANCE W/ CURRENT NCDOT SPECIFICATIONS

SURFACE COURSE

1 1/2" S9.5B - FINAL LIFT
1 1/2" S9.5B - INITIAL LIFT

BASE COURSE

8" ABC OR 4" ACBC TYPE B25.0C

SUBGRADE

SEE PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTE I.A.19 FOR SUBGRADE COMPACTION REQUIREMENTS.

TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/ GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.

4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C OR 6" CABG COMPACTED TO 100% COMPACT TOP 6" SUBGRADE TO 100% ASPHALT BASE TO EXTEND 12" IN FRONT AND BACK OF CURB & GUTTER SECTION

NOTES:

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET.
2. REFER TO STANDARD DRAWINGS REGARDING SIDEWALK AROUND TREE GRATES.
3. BASE COURSE TO EXTEND SIX INCHES BEYOND BACK OF CURB THEN TAPER OUT AT A FORTY-FIVE DEGREE ANGLE.
4. REFER TO STANDARD DRAWINGS FOR PARALLEL PARKING LAYOUT.
5. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

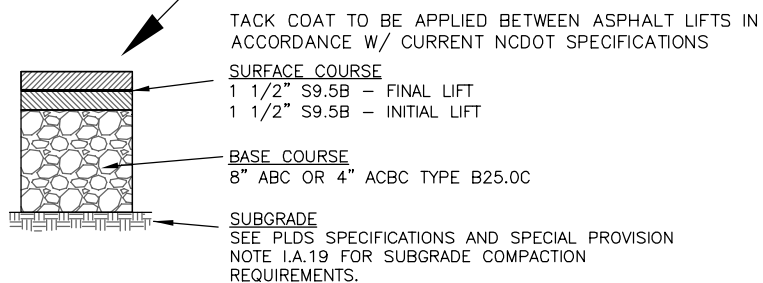
**RETAIL/MIXED USE LOCAL STREET
PARKING ON BOTH SIDES OF STREET**

REV. DATE

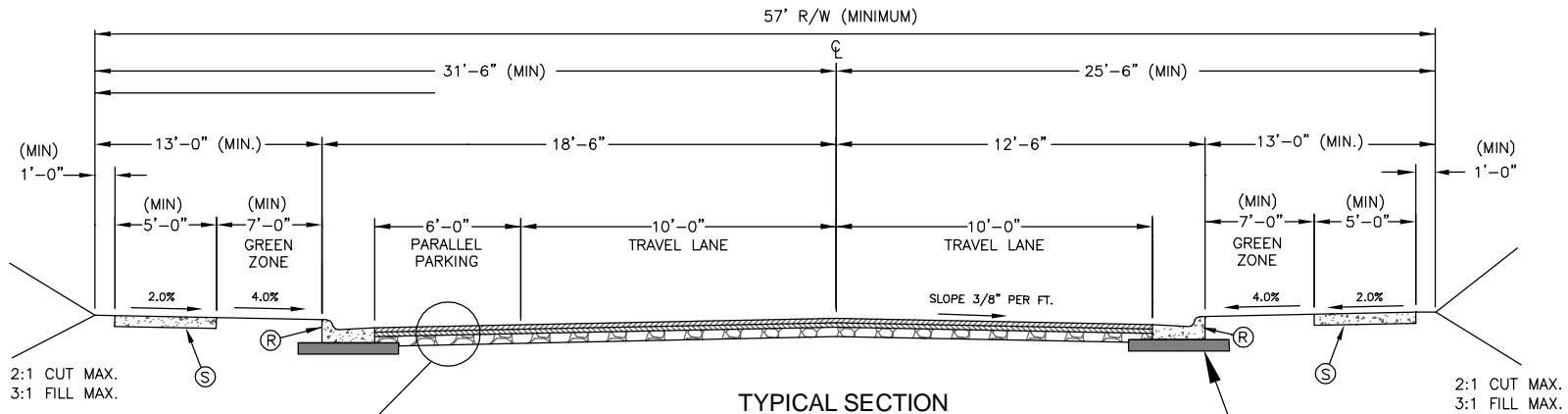
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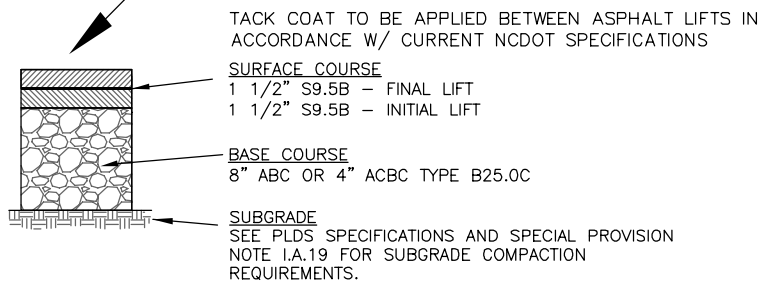
10.05F 7



REV. DATE	
2/28/23	
STD. NO.	REV.
10.06	7



TYPICAL SECTION



TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) &
COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1
FOR BASE REQUIREMENTS.

4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C OR 6" ACBC COMPACTED TO 100%. COMPACT TOP 6" SUBGRADE TO 100% ASPHALT BASE TO EXTEND 12" IN FRONT AND BACK OF CURB & GUTTER SECTION

NOTES:

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET.
2. 2'-0" VALLEY GUTTER MAY BE SUBSTITUTED FOR 2'-6" CURB AND GUTTER ON THE SIDE OF THE STREET WITHOUT PARALLEL PARKING. THIS REDUCES THE MINIMUM RIGHT-OF-WAY BY SIX INCHES. 2'-0" VALLEY GUTTER MAY NOT BE SUBSTITUTED FOR 2'-6" CURB AND GUTTER ON THE SIDE OF THE STREET WITH PARALLEL PARKING.
3. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

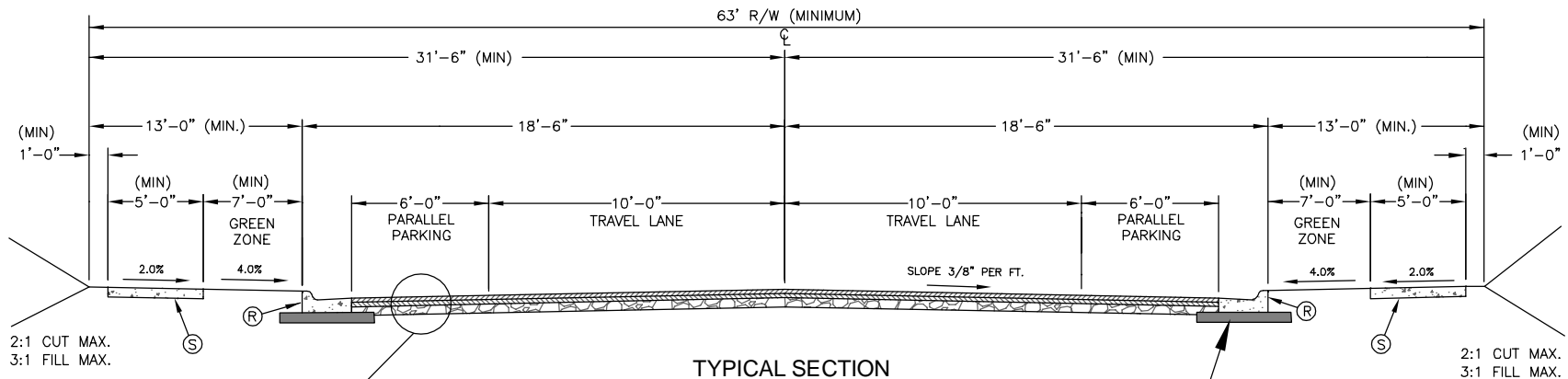
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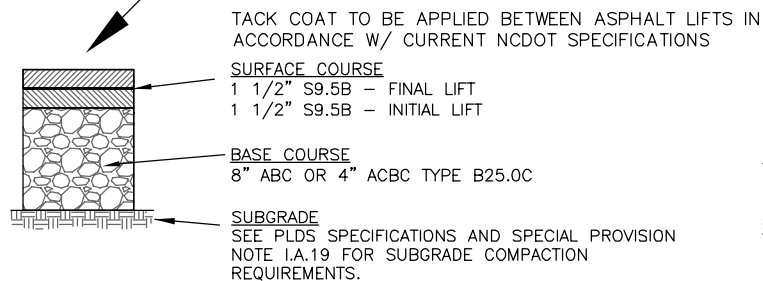
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**LOCAL RESIDENTIAL STREET
PARKING ON ONE SIDE OF STREET**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.06A	7



TYPICAL SECTION



TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) &
COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1
FOR BASE REQUIREMENTS.

NOTES:

1. DEVELOPER MAY SUBMIT AN ALTERNATIVE PAVEMENT DESIGN TO TOWN ENGINEER.
2. AN ALTERNATIVE PAVEMENT DESIGN MAY BE REQUIRED BY NCDOT BASED ON SPECIFIC TRAFFIC PARAMETERS.
3. SIDEWALK EASEMENT MAY BE REQUIRED.
4. IRRIGATION SYSTEMS ARE NOT ALLOWED IN THE STREET RIGHTS-OF-WAY UNLESS AN ENCROACHMENT AGREEMENT HAS BEEN ISSUED BY THE TOWN OF PINEVILLE.
5. TREES PROPOSED IN THE PLANTING STRIPS OR RIGHTS-OF-WAY SHALL BE APPROVED BY THE TOWN OF PINEVILLE PRIOR TO INSTALLATION.
6. ALL PROPOSED ROADWAYS IN COMMERCIAL AND INDUSTRIAL DEVELOPMENTS SHALL BE CONSIDERED COMMERCIAL COLLECTOR STREETS.
7. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

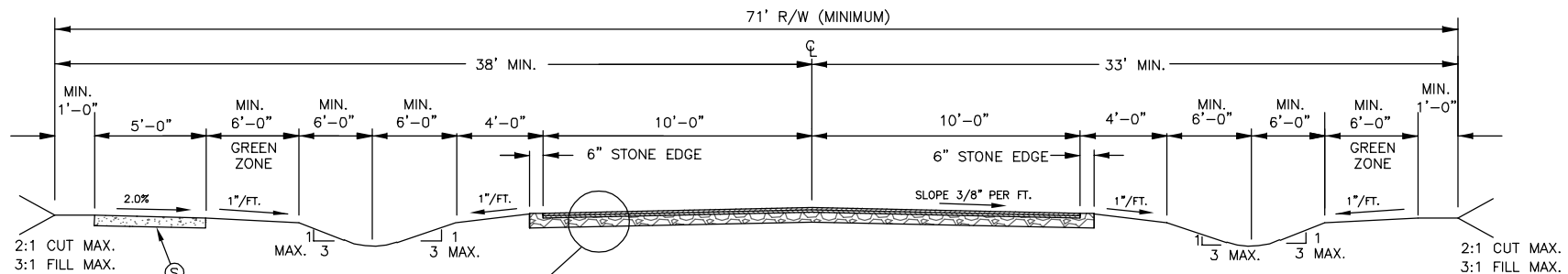
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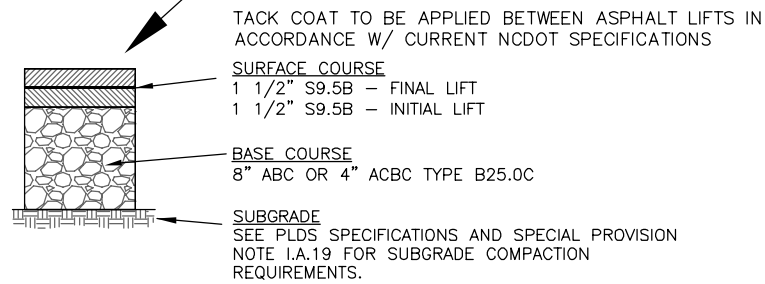
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**LOCAL RESIDENTIAL STREET
PARKING ON BOTH SIDES OF STREET**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.06B	7



TYPICAL SECTION



TYPICAL PAVEMENT SECTION

KEY

- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.

NOTES:

1. APPROVAL BY THE TOWN ENGINEER IS REQUIRED PRIOR TO USING DITCH TYPE SECTION.
2. TREES TO BE PLACED IN THE GREEN ZONE 3.5 FEET FROM EDGE OF SIDEWALK.
3. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

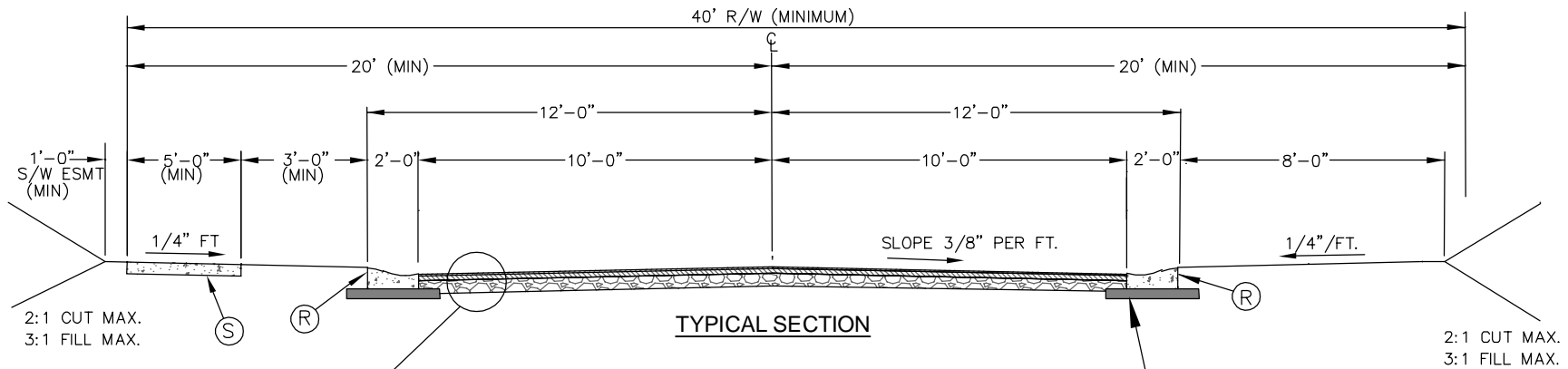
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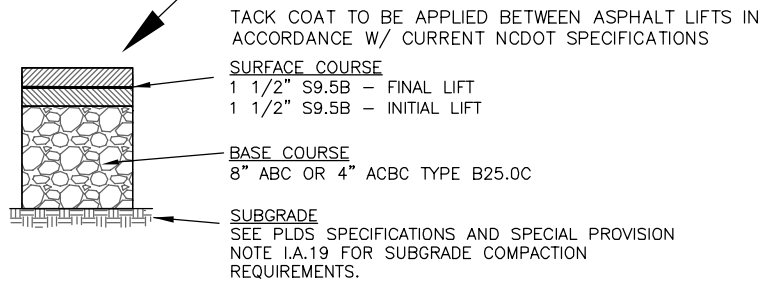
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**LOCAL RESIDENTIAL STREET
(DITCH TYPE)**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.06C	7



TYPICAL SECTION



TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-0" VALLEY CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) &
COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1
FOR BASE REQUIREMENTS.

NOTES:

1. SIDEWALK WILL ONLY BE REQUIRED ON ONE SIDE OF STREET AND NOT ALONG CUL-DE-SAC "BULB".
2. IRRIGATION SYSTEMS ARE NOT ALLOWED IN THE STREET RIGHTS-OF-WAY UNLESS AN ENCROACHMENT AGREEMENT HAS BEEN ISSUED BY THE TOWN OF PINEVILLE.
3. TREES PROPOSED IN THE PLANTING STRIPS OR RIGHTS-OF-WAY SHALL APPROVED BY THE TOWN OF PINEVILLE PRIOR TO INSTALLATION.
4. ANY LOCAL LIMITED RESIDENTIAL STREET IS RESERVED FOR RESIDENTIAL STREETS THAT ARE LESS THAN 250 FT IN LENGTH END IN A CUL-DE-SAC AND WILL NOT BE EXTENDED IN THE FUTURE.
5. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

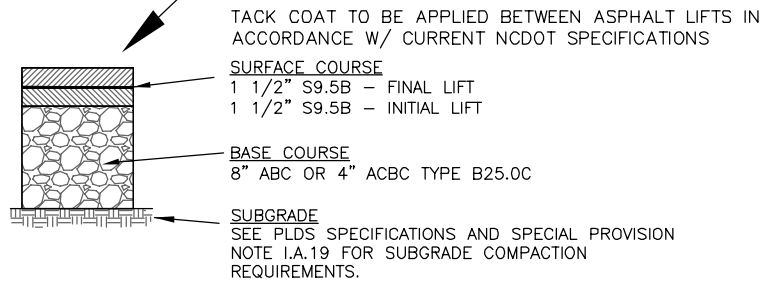
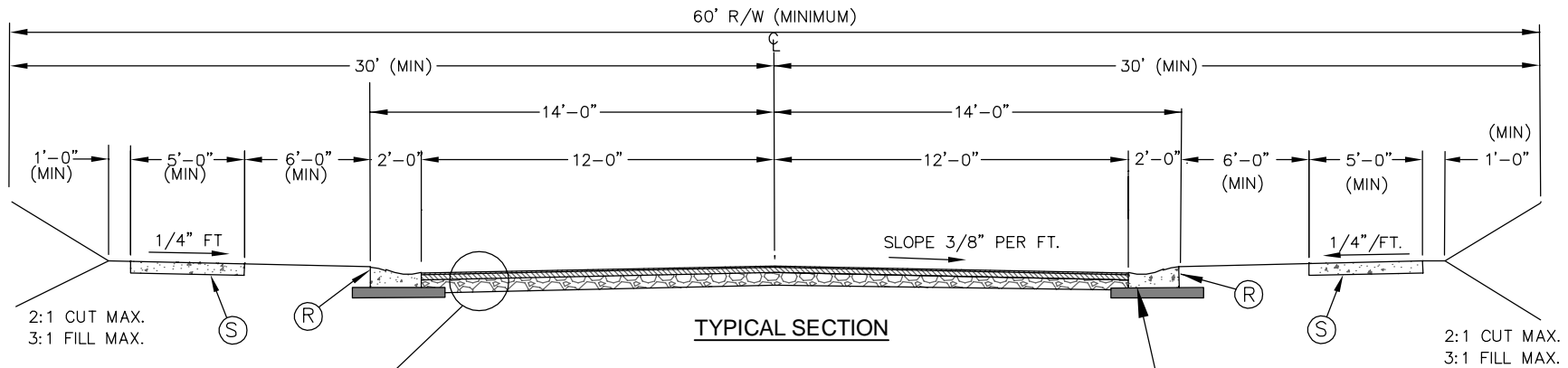
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**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

LOCAL LIMITED RESIDENTIAL STREET

REV. DATE	
2/28/23	
STD. NO.	REV.
10.06D	7



TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-0" VALLEY GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) &
COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1
FOR BASE REQUIREMENTS.

NOTES:

1. DEVELOPER MAY SUBMIT AN ALTERNATIVE PAVEMENT DESIGN TO TOWN ENGINEER.
2. AN ALTERNATIVE PAVEMENT DESIGN MAY BE REQUIRED BY NCDOT BASED ON SPECIFIC TRAFFIC PARAMETERS.
3. SIDEWALK EASEMENT MAY BE REQUIRED.
4. IRRIGATION SYSTEMS ARE NOT ALLOWED IN THE STREET RIGHTS-OF-WAY UNLESS AN ENCROACHMENT AGREEMENT HAS BEEN ISSUED BY THE TOWN OF PINEVILLE.
5. TREES PROPOSED IN THE PLANTING STRIPS OR RIGHTS-OF-WAY SHALL BE APPROVED BY THE TOWN OF PINEVILLE PRIOR TO INSTALLATION.
6. ANY RESIDENTIAL STREET THAT RECEIVES TRAFFIC FROM 150 OR MORE LOTS SHALL BE CONSIDERED A RESIDENTIAL COLLECTOR STREET.
7. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

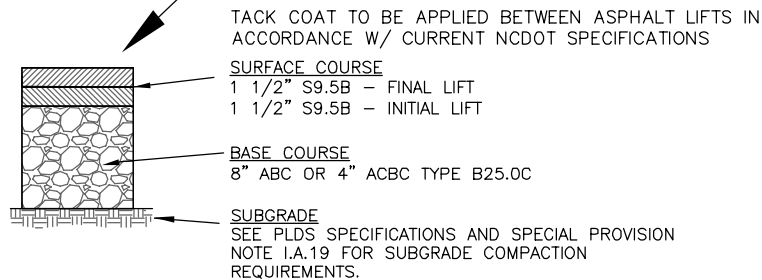
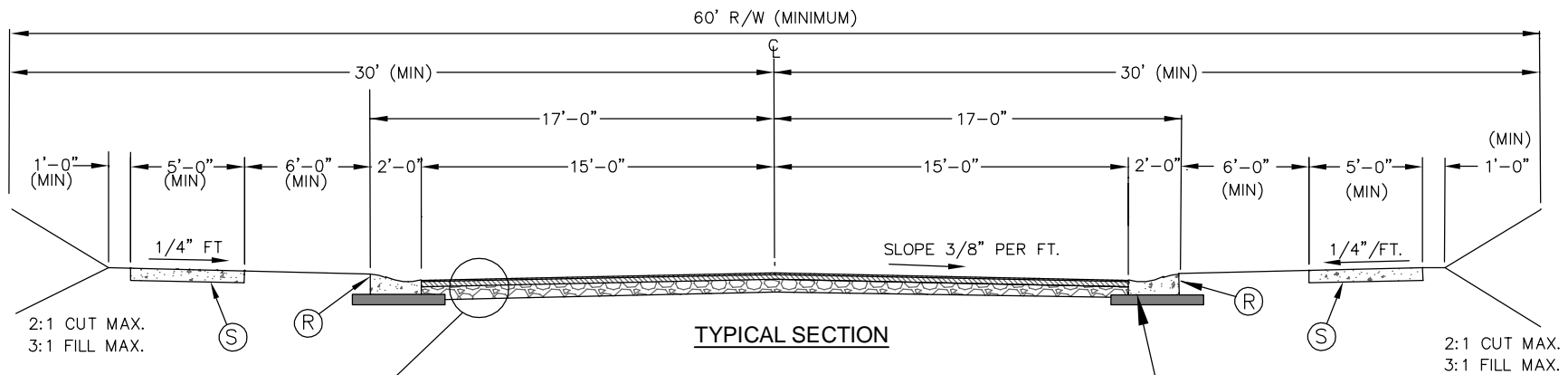
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**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

RESIDENTIAL COLLECTOR STREET

REV. DATE	
2/28/23	
STD. NO.	REV.
10.07	7



TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-0" VALLEY GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.

NOTES:

1. DEVELOPER MAY SUBMIT AN ALTERNATIVE PAVEMENT DESIGN TO TOWN ENGINEER.
2. AN ALTERNATIVE PAVEMENT DESIGN MAY BE REQUIRED BY NCDOT BASED ON SPECIFIC TRAFFIC PARAMETERS.
3. SIDEWALK EASEMENT MAY BE REQUIRED.
4. IRRIGATION SYSTEMS ARE NOT ALLOWED IN THE STREET RIGHTS-OF-WAY UNLESS AN ENCROACHMENT AGREEMENT HAS BEEN ISSUED BY THE TOWN OF PINEVILLE.
5. TREES PROPOSED IN THE PLANTING STRIPS OR RIGHTS-OF-WAY SHALL BE APPROVED BY THE TOWN OF PINEVILLE PRIOR TO INSTALLATION.
6. ANY RESIDENTIAL STREET THAT RECEIVES TRAFFIC FROM 150 OR MORE LOTS SHALL BE CONSIDERED A RESIDENTIAL COLLECTOR STREET.
7. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

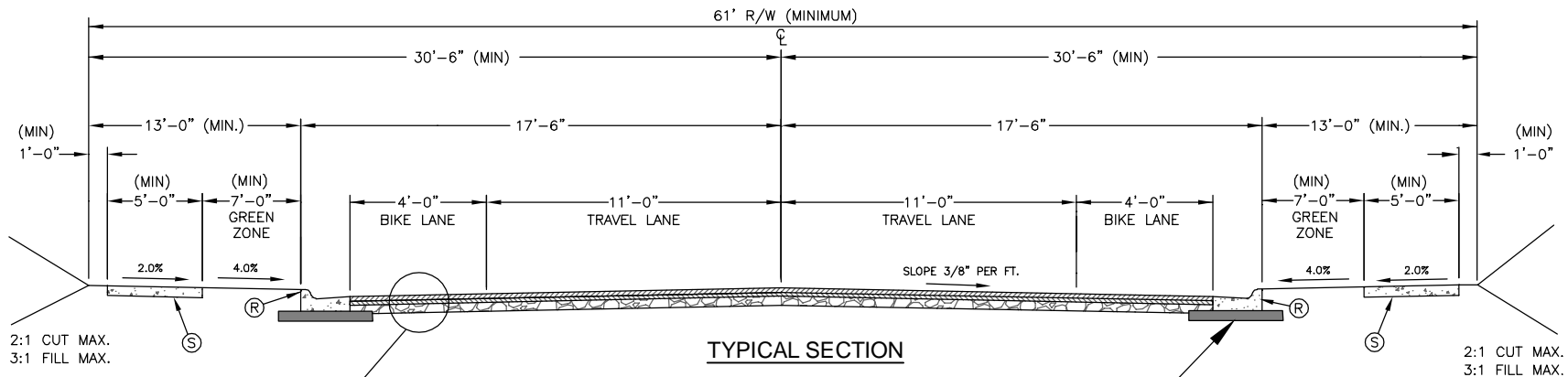
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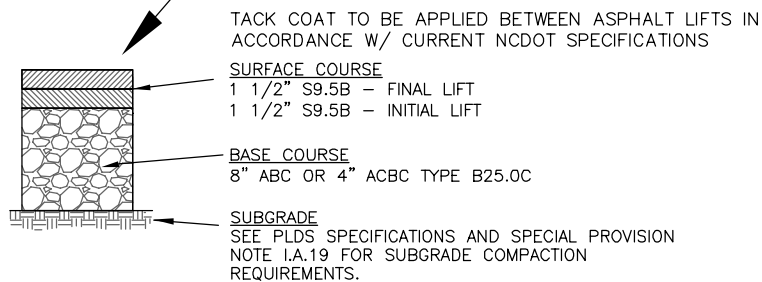
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**RESIDENTIAL COLLECTOR STREET
(WITH ON STREET PARKING)**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.07A	7



TYPICAL SECTION



TYPICAL PAVEMENT SECTION

KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) &
COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1
FOR BASE REQUIREMENTS.

4" ASPHALT CONCRETE BASE COURSE,
TYPE B25.0C OR 6" ACBC COMPACTED TO
100%. COMPACT TOP 6" SUBGRADE TO
100% ASPHALT BASE TO EXTEND 12" IN
FRONT AND BACK OF CURB & GUTTER
SECTION

NOTES:

1. SIDEWALK SHALL BE PROVIDED ON BOTH SIDES OF THE STREET.
2. BIKE LANES TO BE STRIPED.
3. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

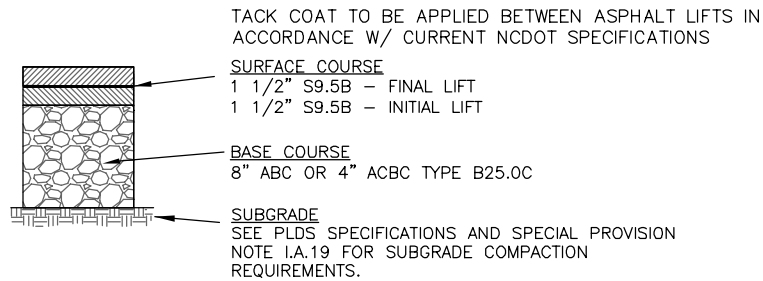
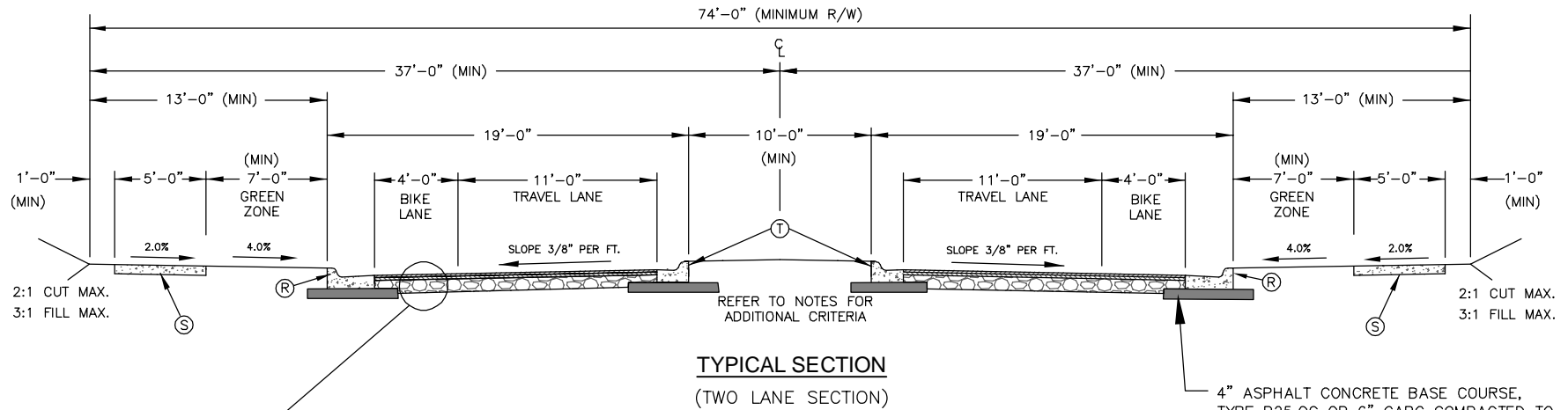
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**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**RESIDENTIAL COLLECTOR STREET
WITH BIKE LANES**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.10A	7



KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) &
COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1
FOR BASE REQUIREMENTS.
- (T) 1'-6" MEDIAN CURB AND GUTTER

NOTES:

1. CURB RETURN RADIUS DIMENSIONS AT INTERSECTIONS MAY VARY DEPENDING ON MEDIAN WIDTH AND WILL BE APPROVED ON A CASE BY CASE BASIS.
2. SUBDRAINS ARE REQUIRED ON ALL MEDIANS. (TO BE TIED INTO STORM DRAINAGE SYSTEM).
3. MEDIAN PLANTINGS SHALL NOT OBSTRUCT INTERSECTION SIGHT DISTANCE REQUIREMENTS.
4. A TEN (10) FOOT WIDE MEDIAN IS REQUIRED FOR SMALL MATURING TREES. A TWENTY (20) FOOT WIDE MEDIAN IS REQUIRED FOR LARGE MATURING TREES.
5. BIKE LANE TO BE STRIPED.
6. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

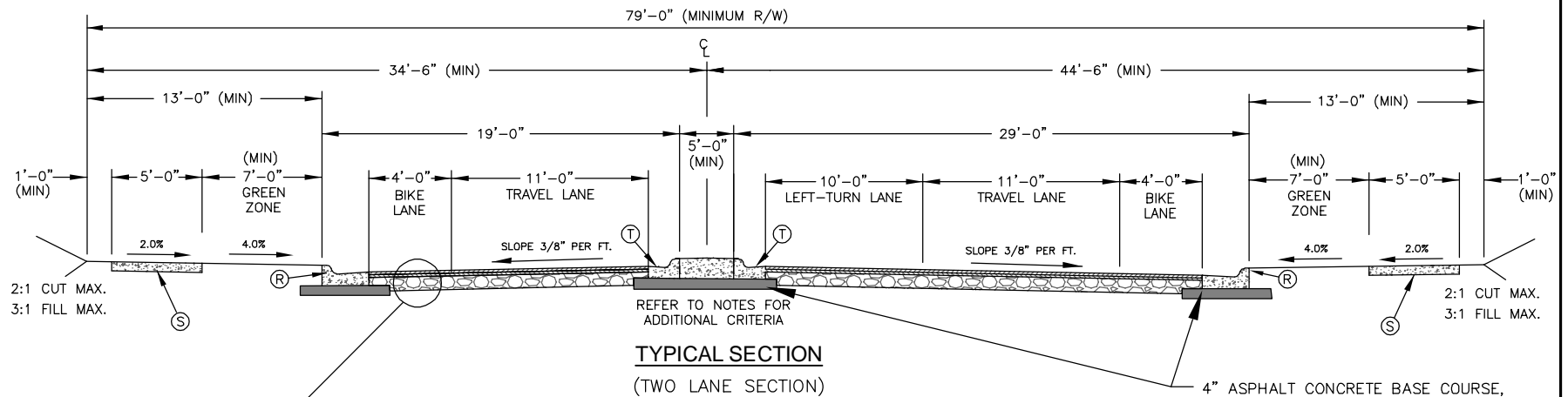
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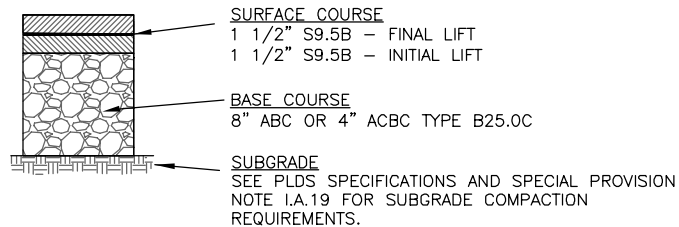
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

RESIDENTIAL DIVIDED COLLECTOR STREET

REV. DATE	
2/28/23	
STD. NO.	REV.
10.10B	7



TACK COAT TO BE APPLIED BETWEEN ASPHALT LIFTS IN ACCORDANCE W/ CURRENT NCDOT SPECIFICATIONS



KEY

- (R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.
- (T) 1'-6" MEDIAN CURB AND GUTTER

NOTES:

1. CURB RETURN RADIUS DIMENSIONS AT INTERSECTIONS MAY VARY DEPENDING ON MEDIAN WIDTH AND WILL BE APPROVED ON A CASE BY CASE BASIS.
2. SUBDRAINS ARE REQUIRED ON ALL MEDIANS. (TO BE TIED INTO STORM DRAINAGE SYSTEM).
3. MEDIAN PLANTINGS SHALL NOT OBSTRUCT INTERSECTION SIGHT DISTANCE REQUIREMENTS.
4. A TEN (10) FOOT WIDE MEDIAN IS REQUIRED FOR SMALL MATURING TREES. A TWENTY (20) FOOT WIDE MEDIAN IS REQUIRED FOR LARGE MATURING TREES.
5. MONOLITHIC CONCRETE MEDIANS WITH BEVELED EDGES AND A MINIMUM WIDTH OF 6 FEET CAN BE USED IN LIEU OF LANDSCAPED MEDIANS.
6. BIKE LANE TO BE STRIPED.
7. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

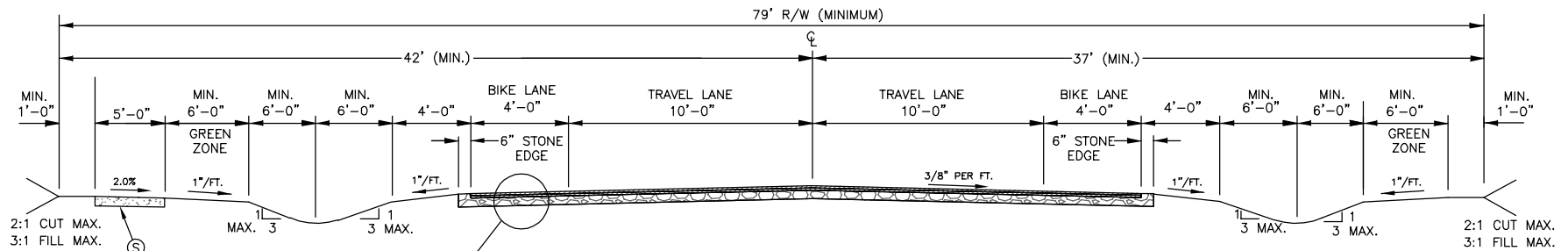
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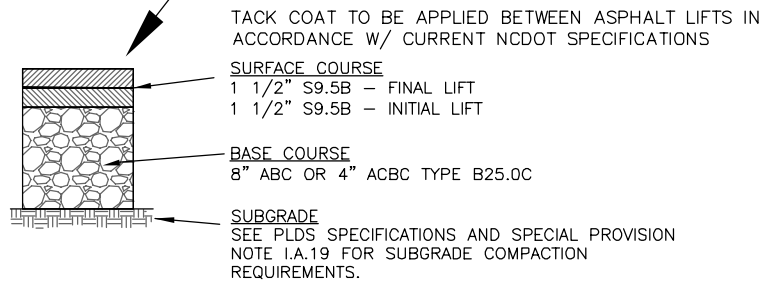
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**RESIDENTIAL DIVIDED COLLECTOR STREET
WITH LEFT TURN LANE**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.10C	7



TYPICAL SECTION



TYPICAL PAVEMENT SECTION

KEY

- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE 1.F.1 FOR BASE REQUIREMENTS.

NOTES:

1. SIDEWALK LOCATED OUTSIDE OF STREET RIGHT-OF-WAY SHALL BE LOCATED IN A PERMANENT SIDEWALK EASEMENT EXTENDING 1 FOOT BEYOND BACK OF SIDEWALK.
2. TREES TO BE PLACED IN GREEN ZONE 3.5 FEET FROM FACE OF SIDEWALK.
3. BIKE LANE TO BE STRIPED.
4. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS

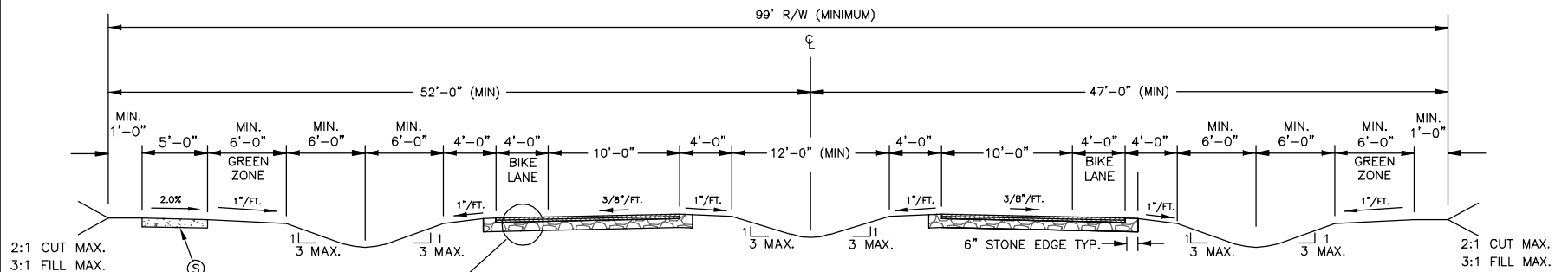
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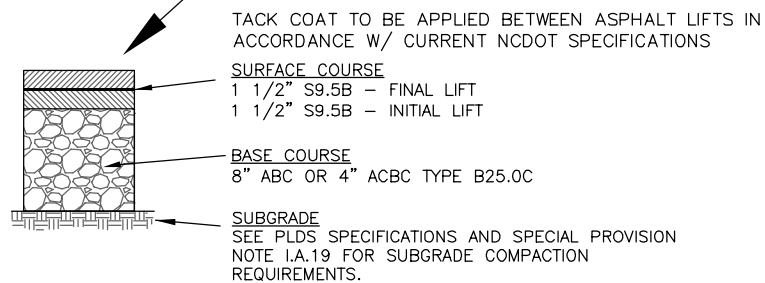
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**RESIDENTIAL COLLECTOR STREET
(DITCH TYPE)**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.10D	7



TYPICAL SECTION



TYPICAL PAVEMENT SECTION

KEY

- (S) 4" CONCRETE SIDEWALK, 6" AT ALL DRIVEWAYS.
INSTALL DRIVEWAY APRONS W/GEOGRID 1100 TENSILE (MIN) & COMPACT SUBGRADE TO 100% STANDARD PROCTOR.
SEE PLDS SPECIFICATIONS AND SPECIAL PROVISIONS NOTE I.F.1 FOR BASE REQUIREMENTS.

NOTES:

1. SIDEWALK LOCATED OUTSIDE OF STREET RIGHT-OF-WAY SHALL BE LOCATED IN A PERMANENT SIDEWALK EASEMENT EXTENDING 1 FOOT BEYOND BACK OF SIDEWALK.
2. TREES TO BE PLACED IN GREEN ZONE 3.5 FEET FROM FACE OF SIDEWALK.
3. BIKE LANE TO BE STRIPED.
4. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS

NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

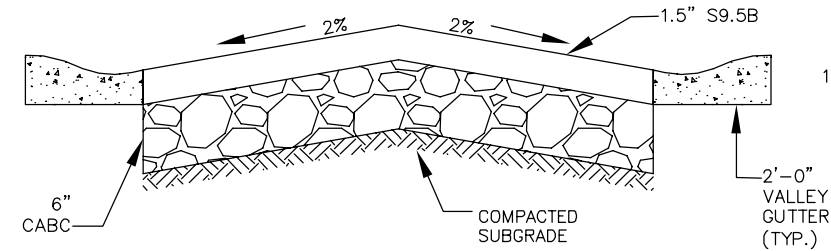
**RESIDENTIAL DIVIDED COLLECTOR STREET
DITCH TYPE WITH MEDIAN DITCH**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.10E	7

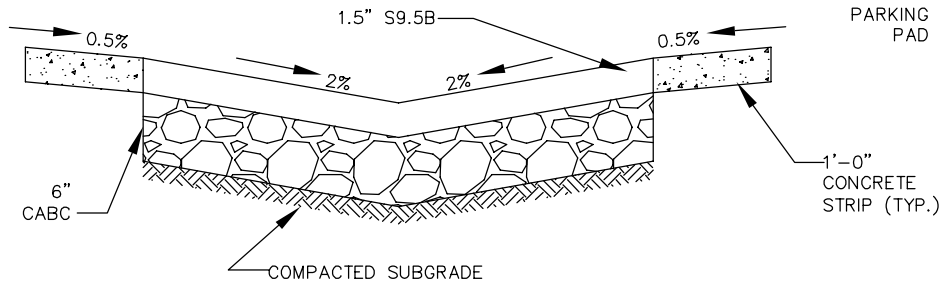
NOTES:

1. SUBGRADE SHALL BE COMPACTED TO PUBLIC STREET STANDARD.
2. STORM DRAINAGE (NOT SHOWN) SHALL BE PROVIDED AS NECESSARY.
3. ALLEYS SHALL BE CONSIDERED PRIVATE EASEMENTS AND WILL NOT BE ACCEPTED FOR MAINTENANCE BY THE TOWN OF PINEVILLE.
4. DRIVEWAYS SHALL BE SEPARATED BY AT LEAST 5 FEET, OR GREATER IF REQUIRED BY PLANNING (LOT SIZE) REQUIREMENTS AND/OR N.C. BUILDING CODE.
5. DETAIL APPLIES TO SINGLE OR DOUBLE-LOADED ALLEYS. FOR SINGLE-LOADED ALLEYS, THERE SHALL BE A 20-FOOT CLEAR ZONE FREE OF CUT SLOPES, OBSTRUCTIONS, HEDGES, ETC. FROM THE LOADED SIDE EDGE OF PAVEMENT.

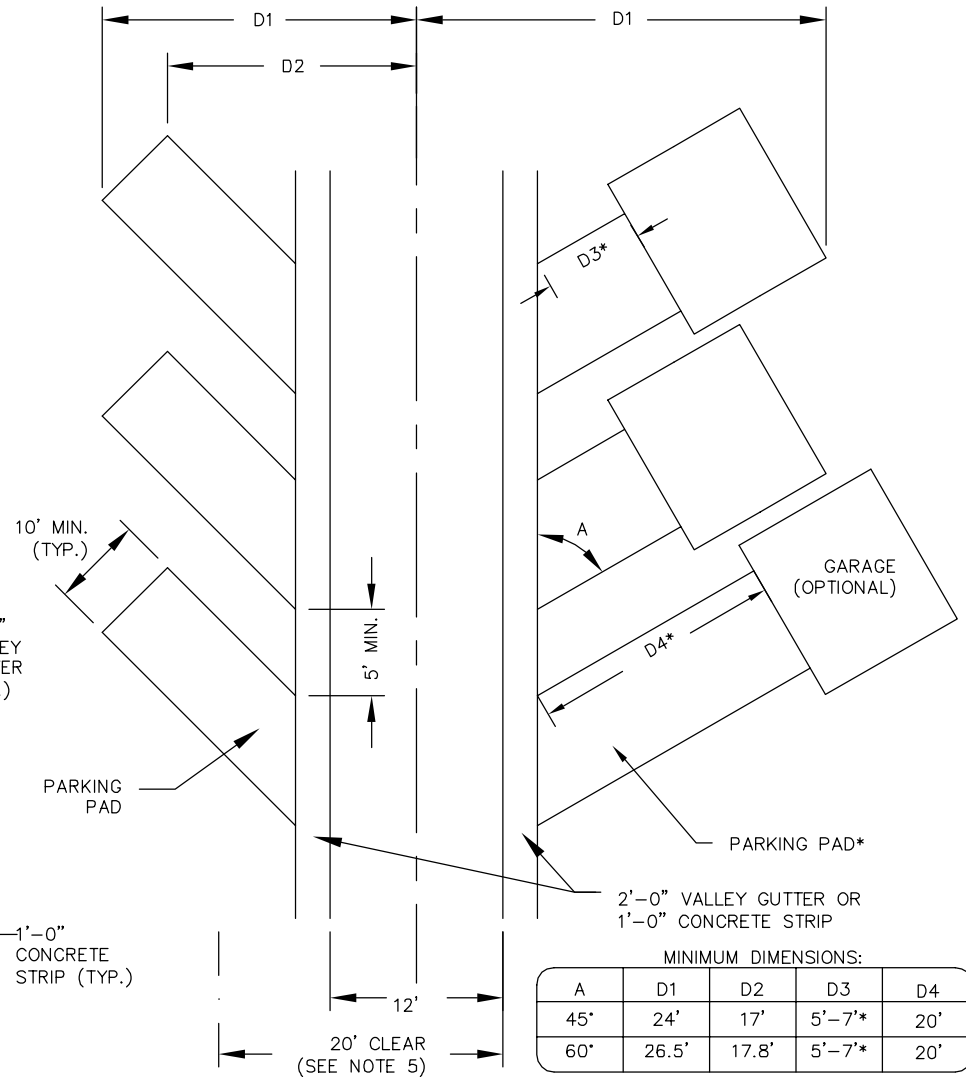
* WITH NO PARKING PAD, DIMENSION D3 IS REQUIRED TO BE MINIMUM 5' BUT NO GREATER THAN 7'. WITH PARKING PAD, DIMENSION D4 IS REQUIRED TO BE A MINIMUM OF 20'.



ALLEY WITH NORMAL CROWN



ALLEY WITH INVERSE CROWN



PLAN

NOT TO SCALE

MINIMUM DIMENSIONS:				
A	D1	D2	D3	D4
45'	24'	17'	5'-7'*	20'
60'	26.5'	17.8'	5'-7'*	20'



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

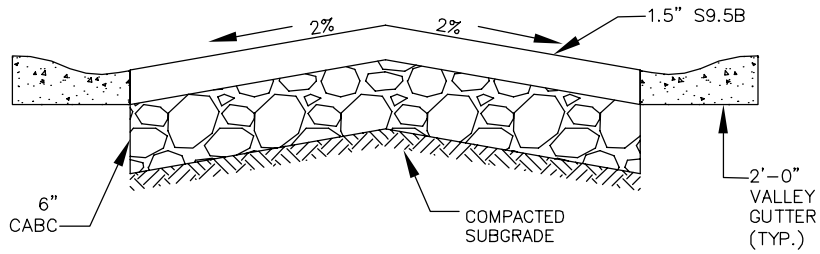
**RESIDENTIAL ALLEY DETAIL
ONE-WAY OPERATION
(PRIVATE)**

REV. DATE	
2/28/22	
STD. NO.	REV.
10.11A	6

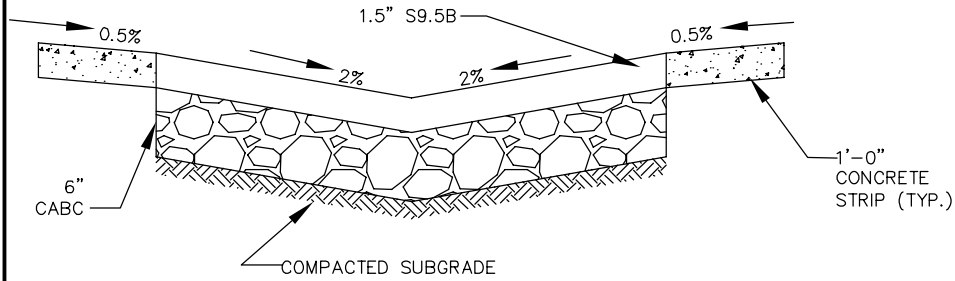
NOTES:

1. SUBGRADE SHALL BE COMPACTED TO PUBLIC STREET STANDARDS.
2. STORM DRAINAGE (NOT SHOWN) SHALL BE PROVIDED AS NECESSARY.
3. ALLEYS SHALL BE CONSIDERED PRIVATE EASEMENTS AND WILL NOT BE ACCEPTED FOR MAINTENANCE BY THE TOWN OF PINEVILLE.
4. DRIVEWAYS SHALL BE SEPARATED BY AT LEAST 5 FEET, OR GREATER IF REQUIRED BY PLANNING (LOT SIZE) REQUIREMENTS AND/OR N.C. BUILDING CODE.

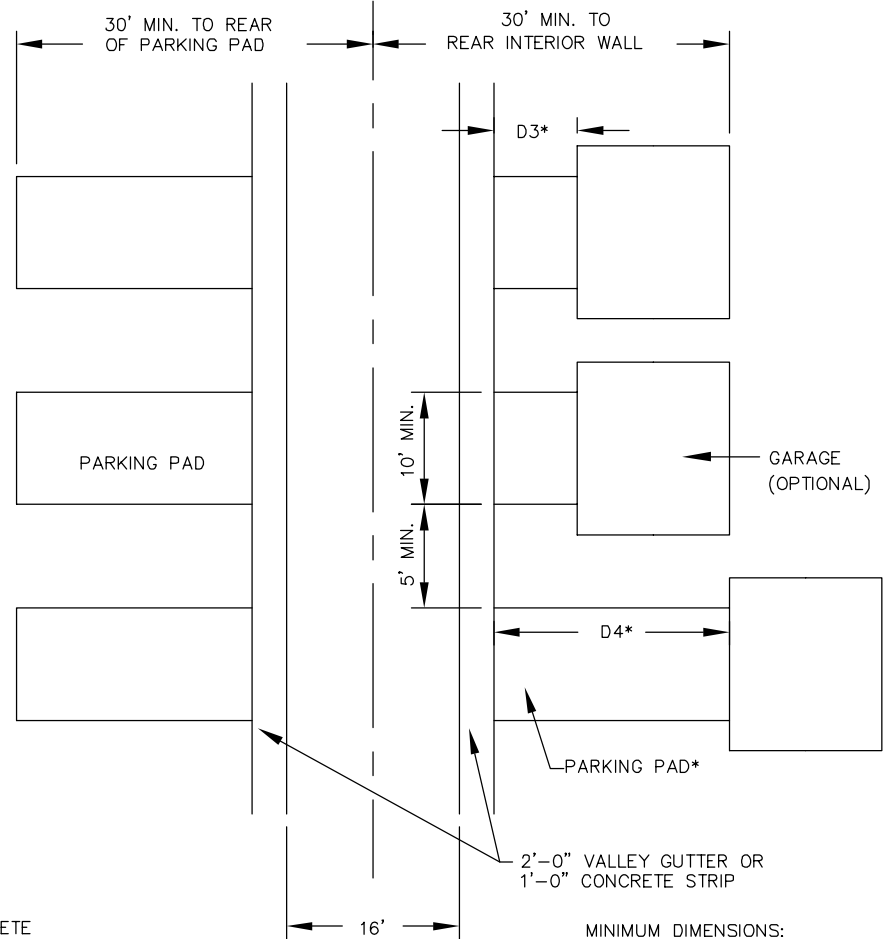
* WITH NO PARKING PAD, DIMENSION D3 IS REQUIRED TO BE MINIMUM 5' BUT NO GREATER THAN 7'. WITH PARKING PAD, DIMENSION D4 IS REQUIRED TO BE A MINIMUM OF 20'.



ALLEY WITH NORMAL CROWN



ALLEY WITH INVERSE CROWN



PLAN

MINIMUM DIMENSIONS:				
A	D1	D2	D3	D4
45'	24'	17'	5'-7'*	20'
60'	26.5'	17.8'	5'-7'*	20'

NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

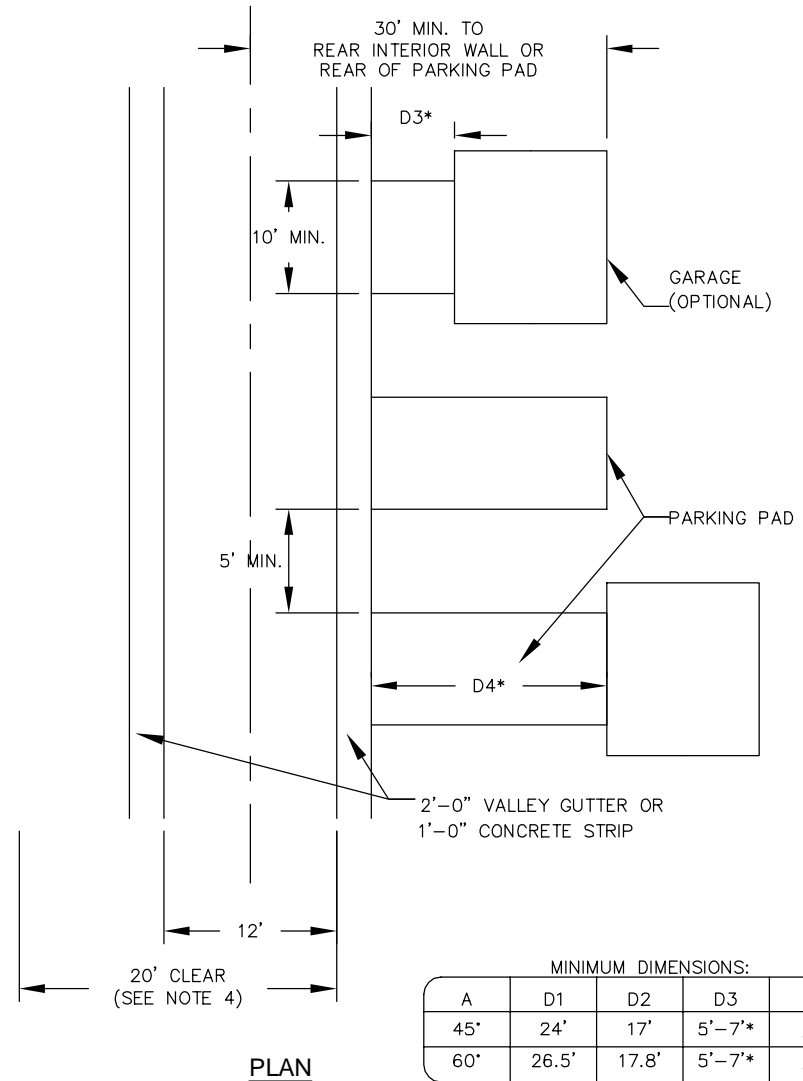
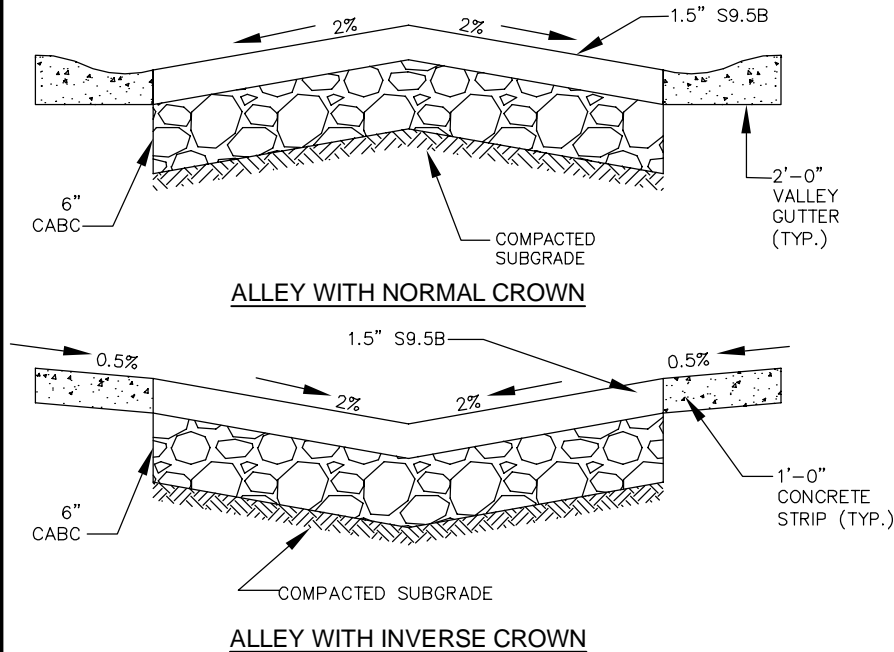
**RESIDENTIAL ALLEY DETAIL
DOUBLE LOADED WITH TWO-WAY OPERATION
(PRIVATE)**

REV. DATE	
2/28/22	
STD. NO.	REV.
10.11B	6

NOTES:

1. SUBGRADE SHALL BE COMPACTED TO PUBLIC STREET STANDARDS.
2. STORM DRAINAGE (NOT SHOWN) SHALL BE PROVIDED AS NECESSARY.
3. ALLEYS SHALL BE CONSIDERED PRIVATE EASEMENTS AND WILL NOT BE ACCEPTED FOR MAINTENANCE BY THE TOWN OF PINEVILLE.
4. DRIVEWAYS SHALL BE SEPARATED BY AT LEAST 5 FEET, OR GREATER IF REQUIRED BY PLANNING (LOT SIZE) REQUIREMENTS AND/OR N.C. BUILDING CODE.
5. NO CUT SLOPES, OBSTRUCTIONS, HEDGES, ETC. ON NON-LOADED SIDE OF ALLEY WITHIN 20 FEET OF LOADED SIDE EDGE OF PAVEMENT.

* WITH NO PARKING PAD, DIMENSION D3 IS REQUIRED TO BE MINIMUM 5' BUT NO GREATER THAN 7'. WITH PARKING PAD, DIMENSION D4 IS REQUIRED TO BE A MINIMUM OF 20'.



MINIMUM DIMENSIONS:				
A	D1	D2	D3	D4
45'	24'	17'	5'-7'*	20'
60'	26.5'	17.8'	5'-7'*	20'

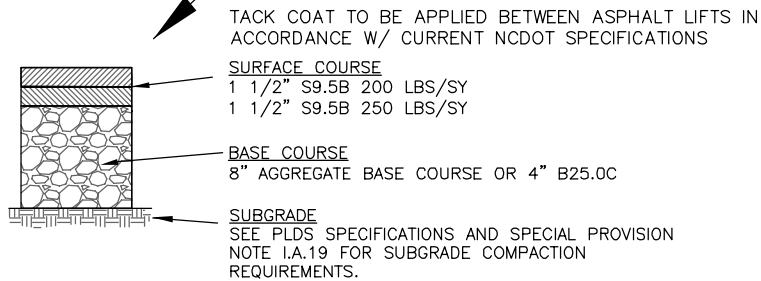
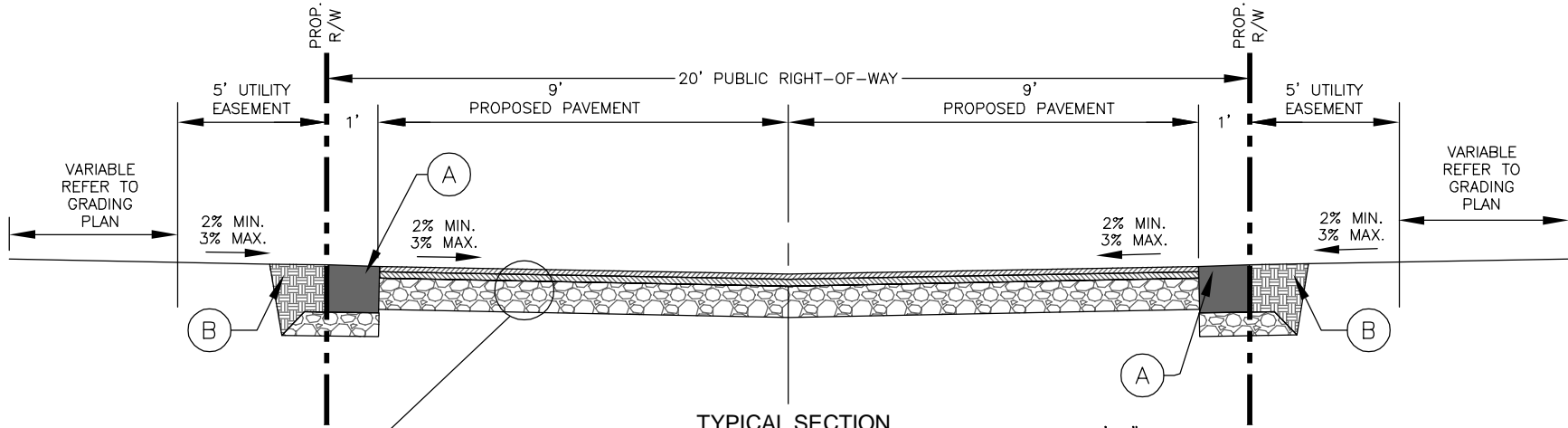
NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**RESIDENTIAL ALLEY DETAIL
SINGLE LOADED WITH TWO-WAY OPERATION
(PRIVATE)**

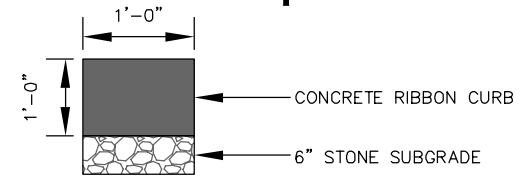
REV. DATE	
2/28/22	
STD. NO.	REV.
10.11C	6



TYPICAL PAVEMENT SECTION

KEY

- (A) 1'-0" CONCRETE RIBBON CURB
- (B) COMPACTED EARTH MATERIAL



STANDARD 1'-0" RIBBON CURB

NOTES:

1. IRRIGATION SYSTEMS ARE NOT ALLOWED IN THE PUBLIC RIGHTS-OF-WAY UNLESS AN ENCROACHMENT AGREEMENT HAS BEEN ISSUED BY THE TOWN OF PINEVILLE.
2. TREES PROPOSED IN THE PLANTING STRIPS OR RIGHTS-OF-WAY SHALL APPROVED BY THE TOWN OF PINEVILLE PRIOR TO INSTALLATION.
3. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.
4. FIRE TRUCK RATED ALLEY PAVEMENT, AND CURBING SHALL BE DESIGNED TO WITHSTAND 80,000 LB. LOAD

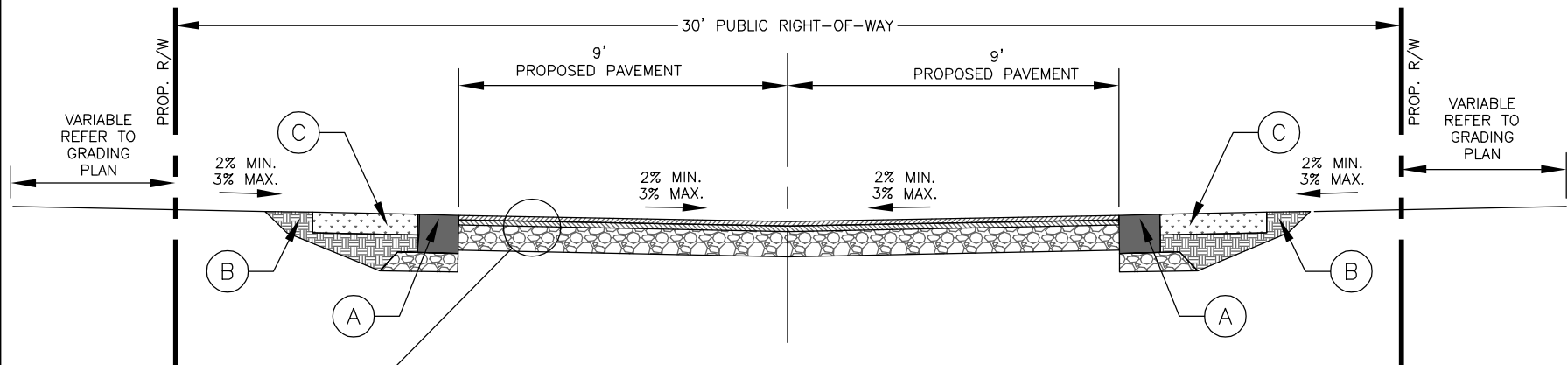
NOT TO SCALE



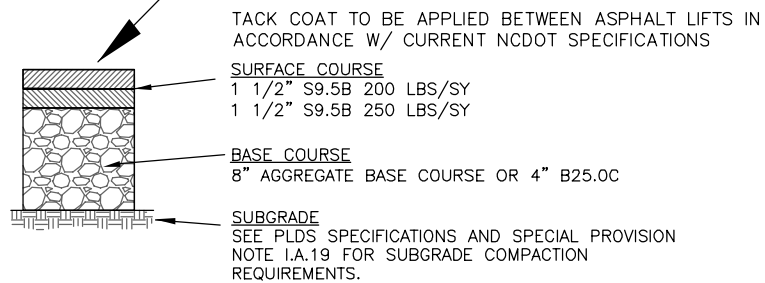
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**STANDARD ALLEY
20' PUBLIC RIGHT-OF-WAY**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.11D	7



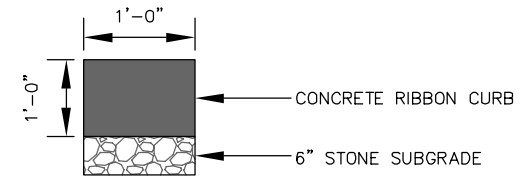
TYPICAL SECTION



TYPICAL PAVEMENT SECTION

KEY

- (A) 1'-0" CONCRETE RIBBON CURB
- (B) COMPACTED EARTH MATERIAL
- (C) REINFORCED TURF



STANDARD 1'-0" RIBBON CURB

NOTES:

1. FIRE TRUCK RATED ALLEY PAVEMENT AND CURBING TO WITHSTAND 80,000 LB. LOAD.
2. TREES PROPOSED IN THE PLANTING STRIPS OR RIGHTS-OF-WAY SHALL APPROVED BY THE TOWN OF PINEVILLE PRIOR TO INSTALLATION.
3. REFER TO PLDS SPECIFICATIONS AND SPECIAL PROVISION NOTES FOR COMPACTION TESTING REQUIREMENTS.

NOT TO SCALE



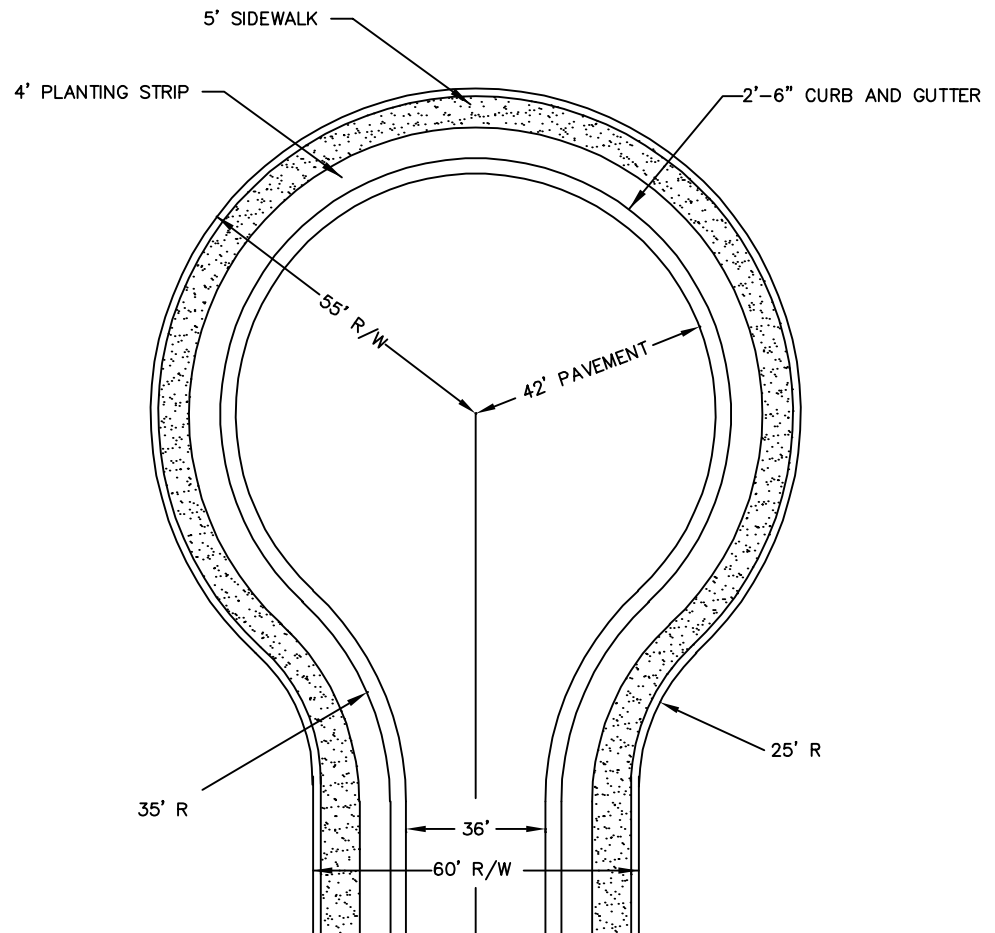
**TOWN OF PINEVILLE
 LAND DEVELOPMENT
 STANDARDS**

**FIRE TRUCK RATED ALLEY
 30' PUBLIC RIGHT-OF-WAY**

REV. DATE	
2/28/23	
STD. NO.	REV.
10.11E	7

NOTES:

1. ALTERNATIVE CUL-DE-SAC DESIGNS, INCLUDING ISLANDS SHALL BE SUBMITTED TO THE TOWN ENGINEER FOR REVIEW AND APPROVAL.
2. PAVEMENT SECTION SHALL CONFORM WITH THE DESIGN REQUIREMENTS FOR COMMERCIAL STREETS.
3. THE CROWN FOR PAVEMENT SHALL BE 1/4" PER FT FROM THE CENTER OF THE CUL-DE-SAC.
4. IRRIGATION SYSTEMS ARE NOT ALLOWED IN THE STREET RIGHTS-OF-WAY UNLESS AN ENCROACHMENT AGREEMENT HAS BEEN ISSUED BY THE TOWN OF PINEVILLE.
5. TREES PROPOSED IN THE PLANTING STRIPS OR RIGHTS-OF-WAY SHALL APPROVED BY THE TOWN OF PINEVILLE PRIOR TO INSTALLATION.



NOT TO SCALE



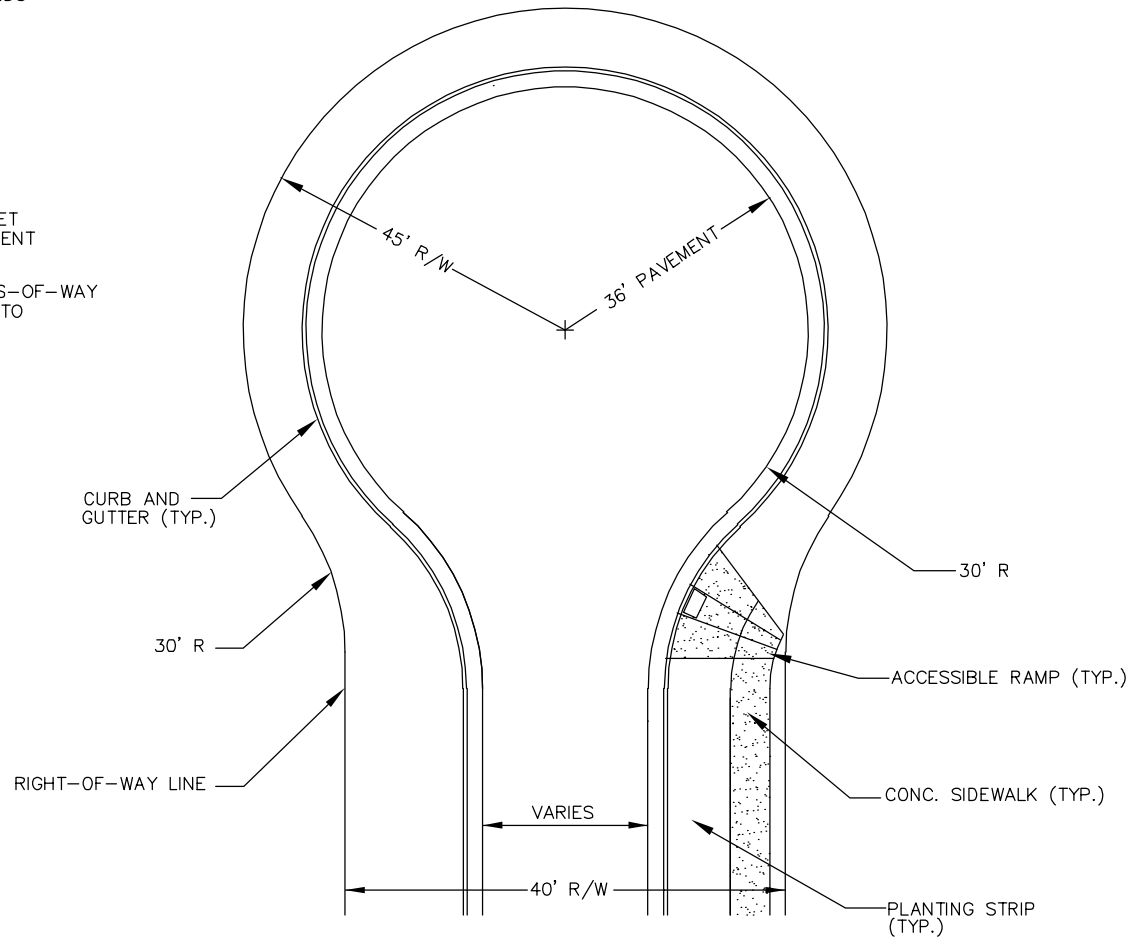
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

COMMERCIAL CUL-DE-SAC

REV. DATE	
STD. NO.	REV.
10.13	

NOTES:

1. ALTERNATIVE CUL-DE-SAC DESIGNS, INCLUDING ISLANDS SHALL BE SUBMITTED TO THE TOWN ENGINEER FOR REVIEW AND APPROVAL.
2. SIDEWALK MAY BE REQUIRED TO EXTEND AROUND CUL-DE-SAC BULB WHERE PARKS OR SCHOOLS HAVE FRONTAGE TO THE END OF THE CUL-DE-SAC.
3. THE CROWN FOR PAVEMENT SHALL BE 1/4" PER FT FROM THE CENTER OF THE CUL-DE-SAC.
4. IRRIGATION SYSTEMS ARE NOT ALLOWED IN THE STREET RIGHTS-OF-WAY UNLESS AN ENCROACHMENT AGREEMENT HAS BEEN ISSUED BY THE TOWN OF PINEVILLE
5. TREES PROPOSED IN THE PLANTING STRIPS OR RIGHTS-OF-WAY SHALL APPROVED BY THE TOWN OF PINEVILLE PRIOR TO INSTALLATION



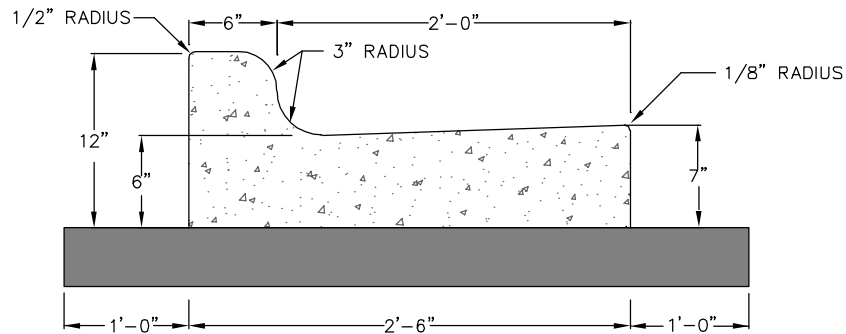
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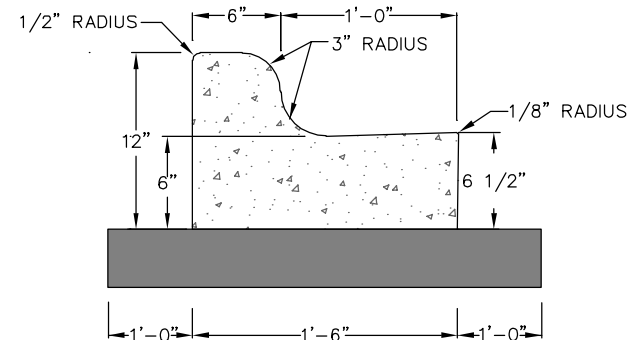
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

RESIDENTIAL CUL-DE-SAC

REV. DATE	
8/1/19	
STD. NO.	REV.
10.14	3



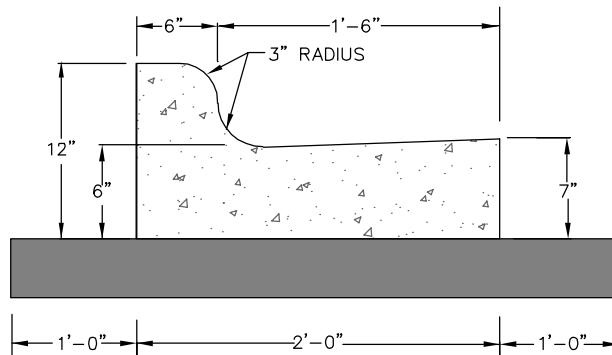
STANDARD 2'-6" CURB AND GUTTER



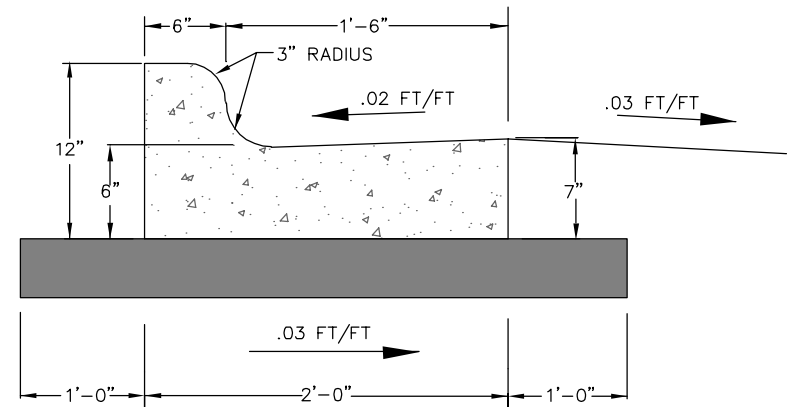
1'-6" STANDARD CURB AND GUTTER

NOTE:

- 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C OR 6" CABC COMPACTED TO 100%.
- COMPACT TOP 6" SUBGRADE TO 100%.
- ASPHALT/CABC BASE TO EXTEND 12" IN FRONT AND BACK OF CURB & GUTTER SECTION



2'-0" STANDARD CURB & GUTTER



SLOPE FOR VARIABLE
SUPERELEVATION RATES

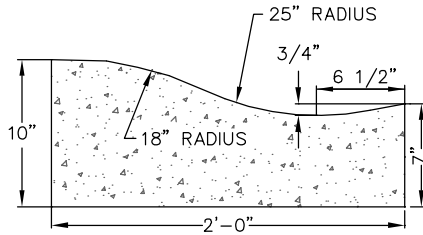
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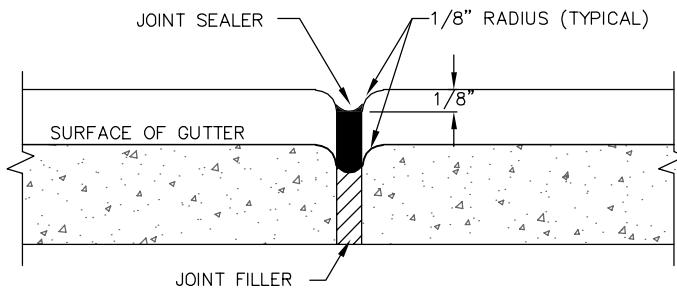
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

STANDARD CURB AND GUTTER

REV. DATE	
2/28/23	
STD. NO.	REV.
10.17A	7



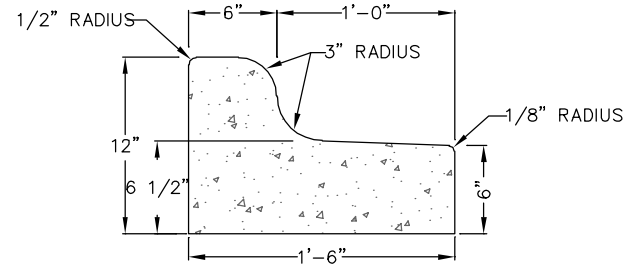
2'-0" VALLEY GUTTER



TRANSVERSE EXPANSION JOINT

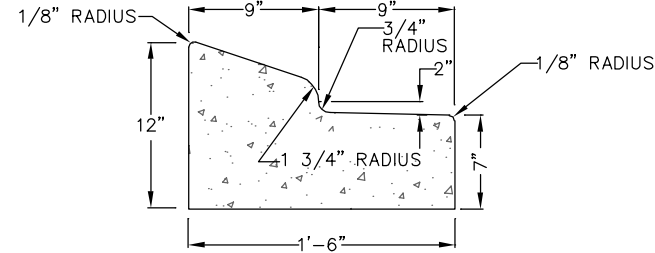
NOTES:

1. CONTRACTION JOINTS SHALL BE SPACED AT 10-FOOT INTERVALS. FOR VALLEY GUTTER, A 10-FOOT SPACING MAY BE USED WHEN A MACHINE IS USED. JOINT SPACING MAY BE ALTERED BY THE TOWN ENGINEER TO PREVENT UNCONTROLLED CRACKING.
2. CONTRACTION JOINTS MAY BE INSTALLED BY THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A MINIMUM DEPTH OF 1 1/2" SHALL BE OBTAINED.
3. ALL EXPANSION JOINTS SHALL BE SPACED AT 90-FOOT INTERVALS, AND ADJACENT TO ALL RIGID OBJECTS. JOINTS SHALL MATCH LOCATIONS WITH JOINTS IN ABUTTING SIDEWALK.
4. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3600 P.S.I. IN 28 DAYS.
5. CURB SHALL BE DEPRESSED AT INTERSECTIONS TO PROVIDE FOR FUTURE ACCESSIBLE RAMPS.
6. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C OR 6" CABC COMPACTED TO 100%. COMPACT TOP 6" SUBGRADE TO 100%. ASPHALT BASE TO EXTEND 12" IN FRONT AND BACK OF CURB & GUTTER SECTION



1'-6" MEDIAN CURB AND GUTTER

TO BE USED IN MEDIANS WHEN LANES ARE SLOPED FROM ISLAND OR AS SPECIFIED BY THE TOWN ENGINEER.



1'-6" MOUNTABLE CURB AND GUTTER

TO BE USED IN MEDIANS ONLY: WHEN SPECIFIED BY THE APPROPRIATE TOWN ENGINEERING DEPT.

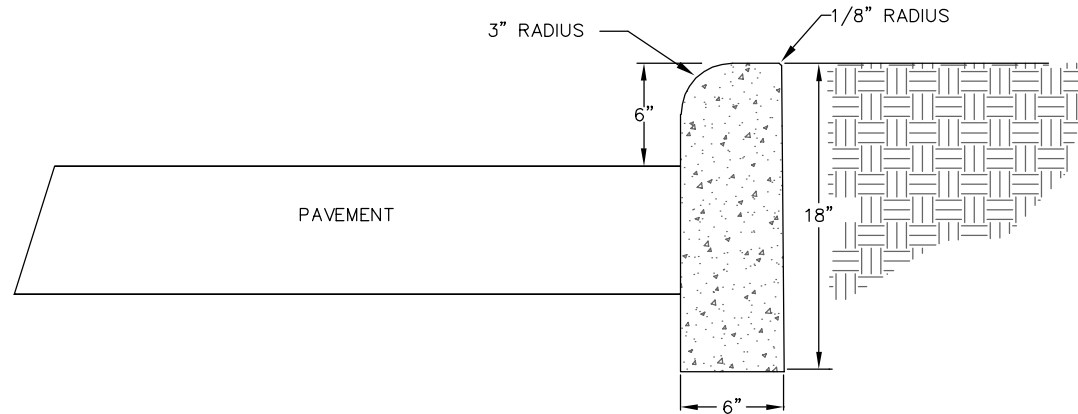
NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

CURB AND GUTTER

REV. DATE	
2/28/23	
STD. NO.	REV.
10.17B	7



NOTES:

1. CONTRACTION JOINTS SHALL BE SPACED AT 10-FOOT INTERVALS. JOINT SPACING MAY BE ALTERED BY THE ENGINEER TO PREVENT UNCONTROLLED CRACKING.
2. CONTRACTION JOINTS MAY BE INSTALLED BY THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS. WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A MINIMUM DEPTH OF 1 1/2" SHALL BE OBTAINED.
3. ALL EXPANSION JOINTS SHALL BE SPACED AT 90-FOOT INTERVALS, AND ADJACENT TO ALL RIGID OBJECTS. JOINTS SHALL MATCH LOCATIONS WITH JOINTS IN ABUTTING SIDEWALK.
4. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3600 P.S.I. IN 28 DAYS.
5. CURB SHALL BE DEPRESSED AT INTERSECTIONS TO PROVIDE FOR FUTURE ACCESSIBLE RAMPS.
6. TOP 6" OF SUBGRADE BENEATH THE CURB SHALL BE COMPACTED TO 100% STANDARD PROCTOR DENSITY.
7. DETAIL MAY BE USED FOR PRIVATE DRIVES, PARKING LOTS, AND INTERIOR CIRCULATION DRIVE.

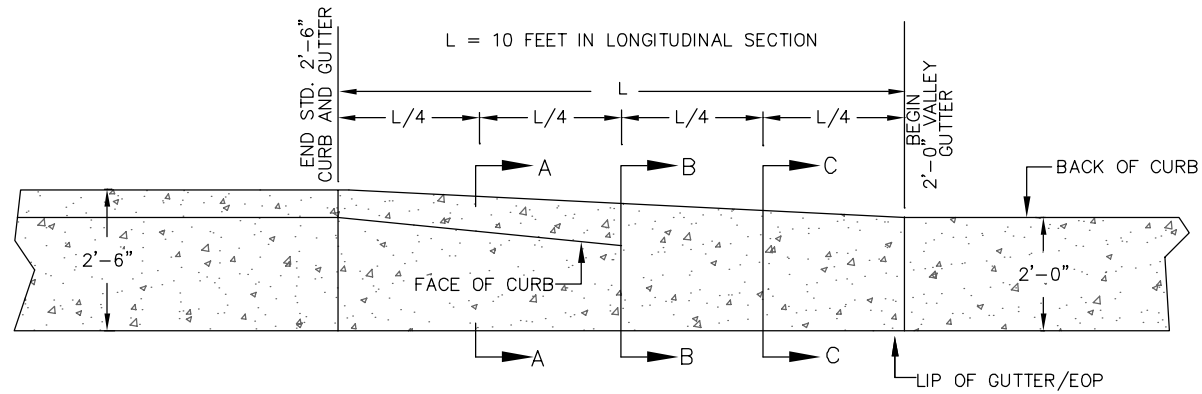
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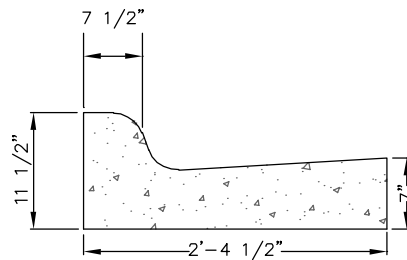
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

18" VERTICAL CURB

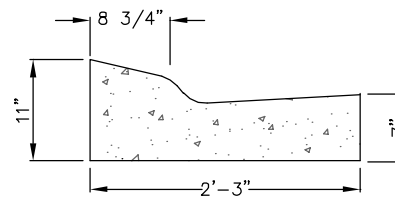
REV. DATE	
STD. NO.	REV.
10.18	



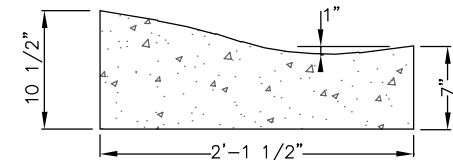
PLAN VIEW



SECTION A-A



SECTION B-B



SECTION C-C

NOTES:

1. TRANSITION IS NOT TO BE LOCATED WITHIN THE CURB RADIUS.

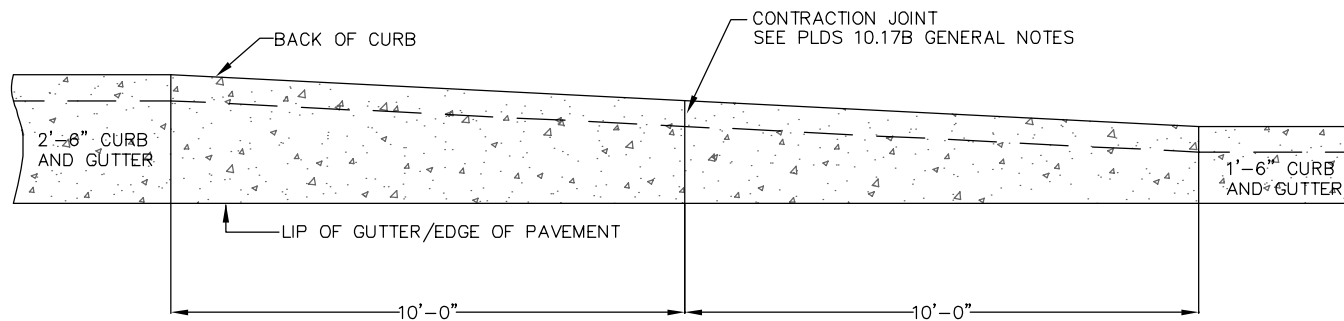
NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

CURB TRANSITION
2'-6" CURB AND GUTTER TO 2'-0" VALLEY GUTTER

REV. DATE	
STD. NO.	REV.
10.19	



PLAN VIEW

NOTES:

1. TRANSITION TO BE ALONG BACK OF CURB.

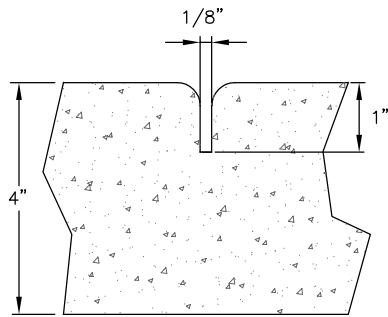
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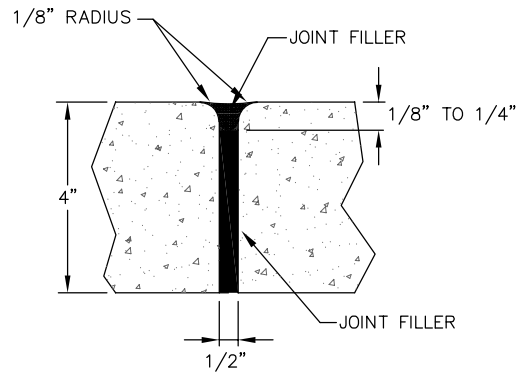
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

CURB TRANSITION
2'-6" CURB AND GUTTER TO 1'-6" CURB AND GUTTER

REV. DATE	
STD. NO.	REV.
10.20	



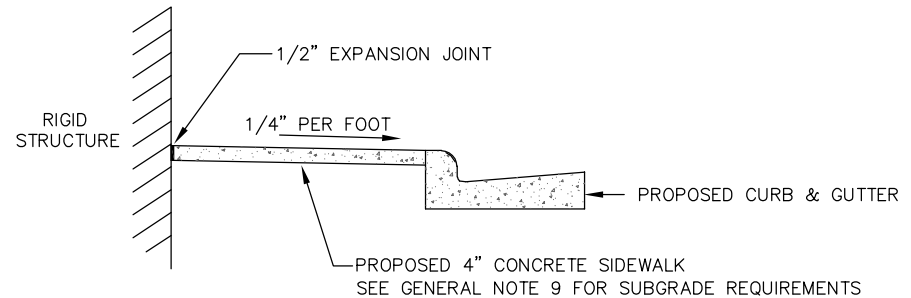
GROOVE JOINT IN SIDEWALK



TRANSVERSE EXPANSION
JOINT IN SIDEWALK

GENERAL NOTES:

1. A GROOVE JOINT 1" DEEP WITH 1/8" RADII SHALL BE REQUIRED IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 45' INTERVALS NOT TO EXCEED 50' AND MATCHING EXPANSION/CONSTRUCTION JOINT IN ADJACENT CURB. A SEALED 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
2. SIDEWALK AT DRIVEWAY ENTRANCES TO BE 6" THICK.
3. WIDTH OF SIDEWALK ON THOROUGHFARE STREETS SHALL BE A MINIMUM OF 5'. WIDTH OF SIDEWALKS IN THE CENTRAL BUSINESS DISTRICT WILL BE DETERMINED BY THE TOWN PLANNING DEPT..
4. WIDTH OF SIDEWALKS ON NON-THOROUGHFARE STREETS SHALL BE A MINIMUM OF 5'.
5. SIDEWALK TO BE POURED TO END OF RADIUS AT INTERSECTING STREETS.
6. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3600 PSI. IN 28 DAYS.
7. ZONING CONDITIONS MAY REQUIRE ADDITIONAL WIDTH SIDEWALKS WHICH SHALL SUPERSEDE THESE STANDARD DIMENSIONS SHOWN.
8. TRANSVERSE EXPANSION JOINTS SHALL BE FILLED WITH AN ELASTIC EPOXY FROM THE FILLER TO FLUSH WITH THE TOP OF THE SIDEWALK.
9. CONCRETE SHALL BE PLACED ON MINIMUM 6" ABC STONE COMPACTED TO 95% DENSITY, OR PLACED ON SUBGRADE COMPACTED TO 95% DENSITY WITH GEOGRID 1100 MAT.



DETAILS SHOWING EXPANSION JOINTS
IN CONCRETE SIDEWALK

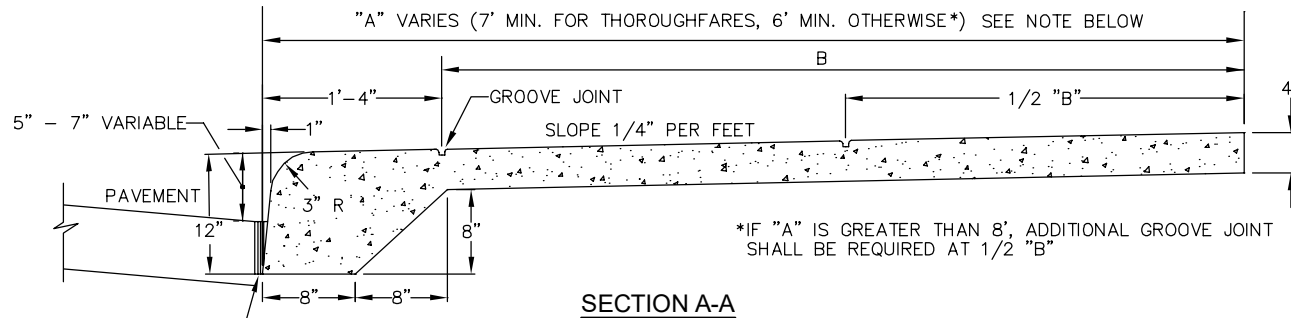
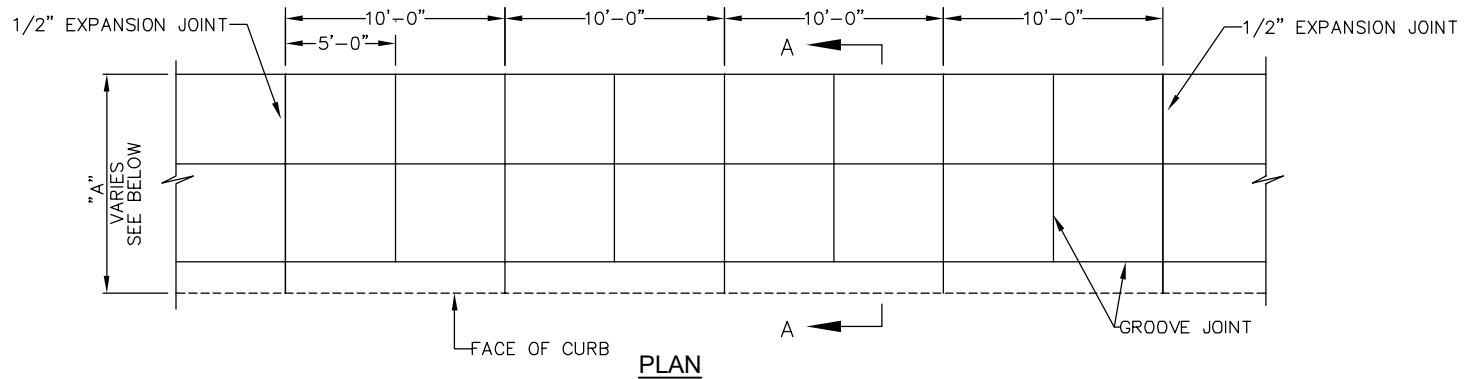
NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

CONCRETE SIDEWALKS

REV. DATE	
2/29/20	
STD. NO.	REV.
10.22	4



TWO 1/2" THICK PIECES BITUMINOUS FIBER REQUIRED IF SUBBASE IS CONCRETE. MUST BE SEALED WITH APPROVED JOINT SEALER.

GENERAL NOTES:

1. A GROOVE JOINT 1" DEEP WITH 1/3" RADII SHALL BE REQUIRED IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 40' INTERVALS. A 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
2. ALL CONCRETE TO BE 3600 P.S.I. COMPRESSIVE STRENGTH.
3. SEE PLDS 10.22 FOR DETAIL OF EXPANSION JOINT AND GROOVE JOINT.
4. SEE PLDS 10.26 FOR DETAIL OF DRIVEWAY.
5. MONOLITHIC CURB AND SIDEWALK TO BE CONSTRUCTED ONLY WHEN REPLACING GRANITE CURB OR AT LOCATIONS APPROVED BY THE APPROPRIATE TOWN ENGINEER.
6. CONCRETE SHALL BE PLACED ON MINIMUM 6" ABC STONE COMPACTED TO 95% DENSITY, OR PLACED ON SUBGRADE COMPACTED TO 95% DENSITY WITH GEOGRID 1100 MAT.

NOT TO SCALE



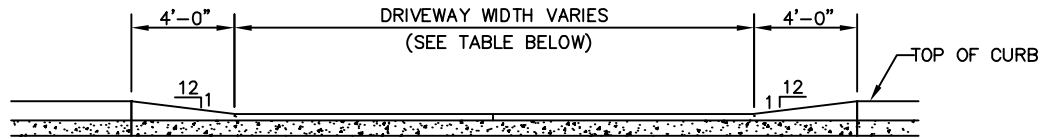
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**MONOLITHIC CONCRETE
CURB AND SIDEWALK**

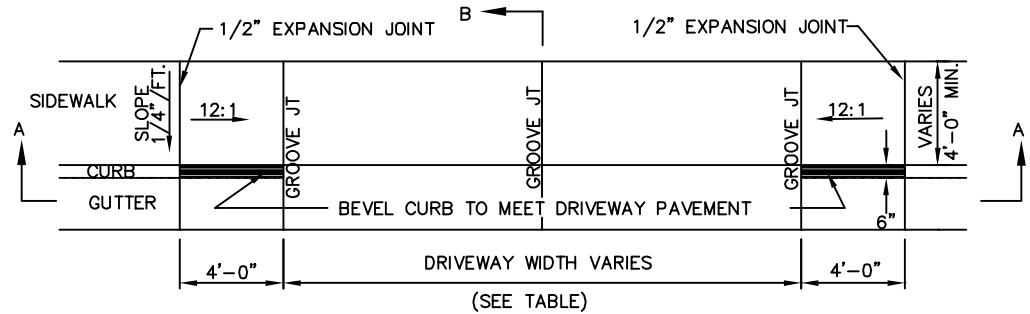
REV. DATE	
4/2/21	
STD. NO.	REV.
10.23	

NOTE:

1. 1/2" EXPANSION JOINTS REQUIRE INSTALLATION OF ONE 1/2" THICK PIECE OF BITUMINOUS FIBER THROUGH THE ENTIRE SLAB.
2. TO LIMIT STORM WATER FLOW DOWN DRIVEWAYS, USE PLDS 10.24C FOR DRIVEWAYS NEAR LOW POINTS.
3. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
4. "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).
5. PRIOR APPROVAL IS REQUIRED BY CDOT ON GRADES EXCEEDING WHAT ARE SHOWN.



SECTION A - A



PLAN

GENERAL NOTES:

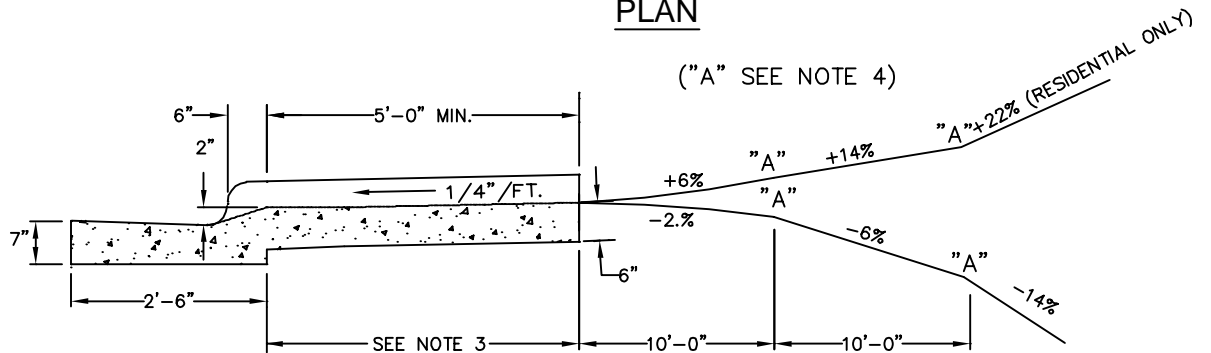
ALL CONCRETE TO BE 3600 P.S.I. COMPRESSIVE STRENGTH.

ALL CURB, CURB AND GUTTER AND SIDEWALKS ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT.

SEE PLDS 10.17B FOR DETAIL OF EXPANSION
JOINT AND GROOVE JOINT.

DRIVEWAY WIDTH		
TYPE DRIVEWAY	MINIMUM	MAXIMUM
TYPE I—RESIDENTIAL: LOCAL/COLLECTOR THOROUGHFARE*	10' 15'	30' 30'
ONE-WAY TYPE II COMMERCIAL	20'	30'
TWO-WAY TYPE II COMMERCIAL	26'	50'

* MUST PROVIDE ON-SITE TURNAROUND



SECTION B - B

NOT TO SCALE



TOWN OF PINEVILLE LAND DEVELOPMENT STANDARDS

COMMERCIAL TYPE II AND RESIDENTIAL TYPE I DROP
CURB DRIVEWAY WITH SIDEWALK ABUTTING CURB
(2'-6" CURB AND GUTTER)

REV. DATE	
STD. NO.	REV.
10.24A	

1/2" EXPANSION JOINTS REQUIRE INSTALLATION OF ONE 1/2" THICK PIECE OF BITUMINOUS FIBER THROUGH THE ENTIRE SLAB.

-
- Diagram illustrating the cross-section of a driveway and curb. The driveway width is labeled as "DRIVEWAY WIDTH VARIES (SEE TABLE BELOW)". The width of the driveway is divided into two sections, each labeled "4'-0\"". The curb is labeled "TOP OF CURB". The diagram shows a cross-section of the driveway and curb, with a slope of 12:1 indicated on both sides of the driveway.
- SECTION A - A



-
- SECTION B - B
- NOT TO SCALE

DRIVEWAY WIDTH		
TYPE DRIVEWAY	MINIMUM	MAXIMUM
TYPE I—RESIDENTIAL: LOCAL/COLLECTOR THOROUGHFARE*	10' 15'	30' 30'
ONE-WAY TYPE II COMMERCIAL	20'	30'
TWO-WAY TYPE II COMMERCIAL	26'	50'

* MUST PROVIDE ON-SITE TURNAROUND

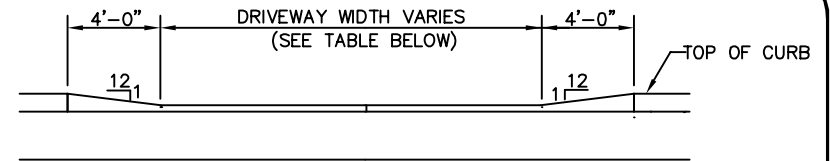
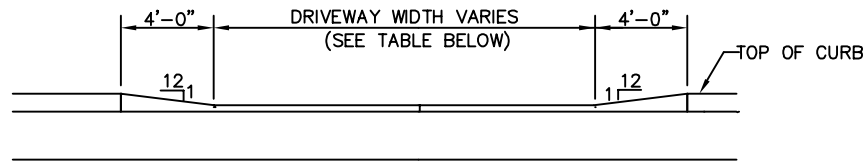
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TOWN OF PINEVILLE LAND DEVELOPMENT STANDARDS

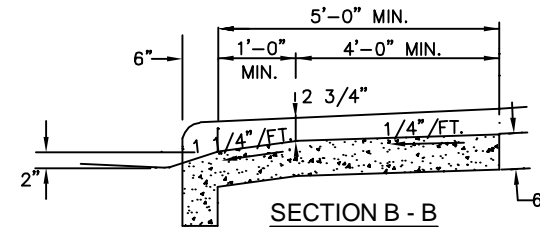
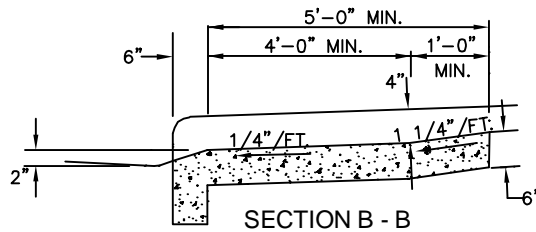
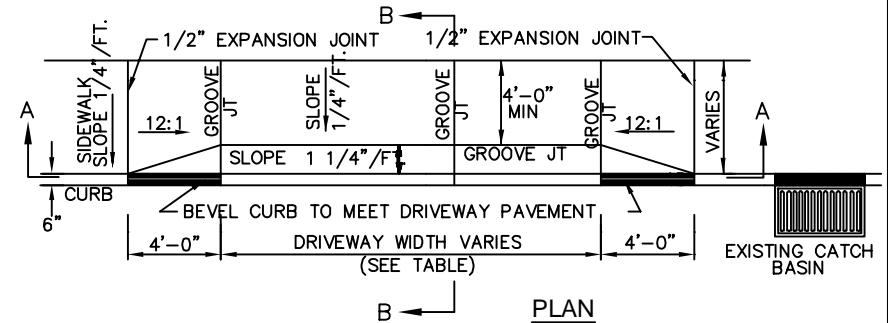
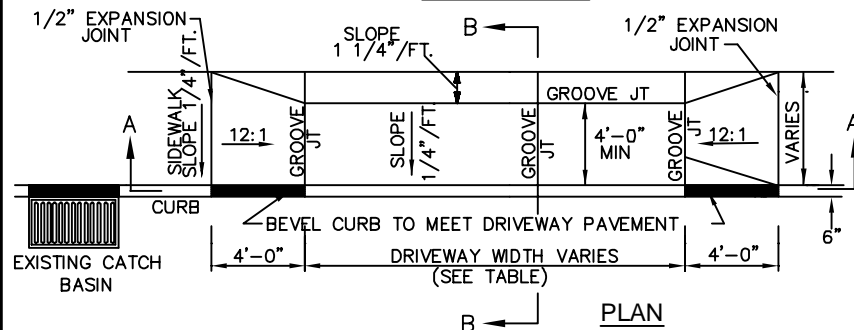
**COMMERCIAL TYPE II AND RESIDENTIAL TYPE I DROP CURB
DRIVEWAY WITH SIDEWALK ABUTTING CURB
(6" X 18" VERTICAL CURB)**

REV. DATE	
STD. NO.	REV.
10.24B	



SECTION A - A

SECTION A - A



DRIVEWAY WIDTH		
TYPE DRIVEWAY	MINIMUM	MAXIMUM
TYPE I-RESIDENTIAL: LOCAL/COLLECTOR THOROUGHFARE*	10'	30'
	15'	30'
ONE-WAY TYPE II COMMERCIAL	20'	30'
TWO-WAY TYPE II COMMERCIAL	26'	50'

* MUST PROVIDE ON-SITE TURNAROUND

NOTES

1. USED AT LOW POINTS IN ROADWAYS WITH 2'-6" CURB AND GUTTER OR 6" X 18" CURB AS DIRECTED BY TOWN ENGINEER.
2. SEE PLDS 10.24A & 10.24B FOR ADDITIONAL DETAILS.
3. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.

NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

COMMERCIAL AND RESIDENTIAL DROP CURB
DRIVEWAY WITH SIDEWALK ABUTTING CURB

REV. DATE

STD. NO. REV.
10.24C

1. ALL CONCRETE TO BE 3600 P.S.I.
2. ALL CURB OR CURB AND GUTTER AND SIDEWALKS ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE PLDS 10.17B FOR JOINT DETAIL.
3. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
4. "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).
5. PRIOR APPROVAL IS REQUIRED BY TOWN ENGINEER ON GRADES EXCEEDING WHAT ARE SHOWN.



DRIVEWAY WIDTH		
DRIVEWAY TYPE	MINIMUM	MAXIMUM
LOCAL/COLLECTOR	10'	30'
THOROUGHFARE*	15'	30'

SECTION B - B



Pineville
NORTH CAROLINA

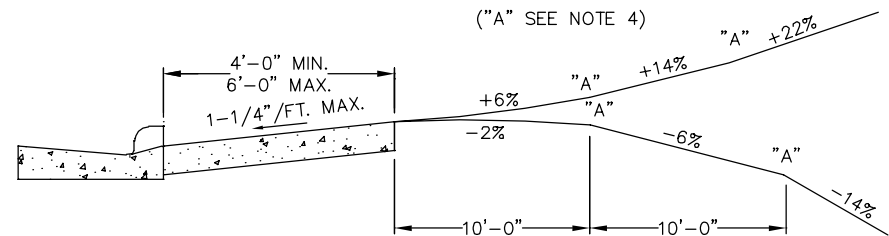
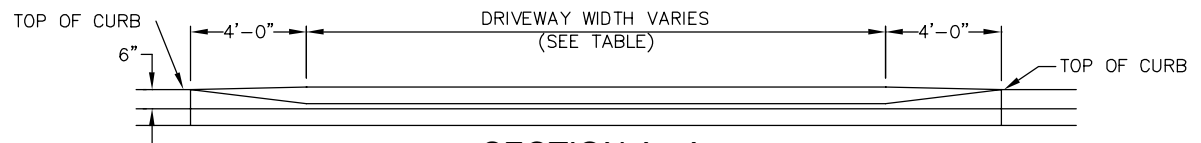
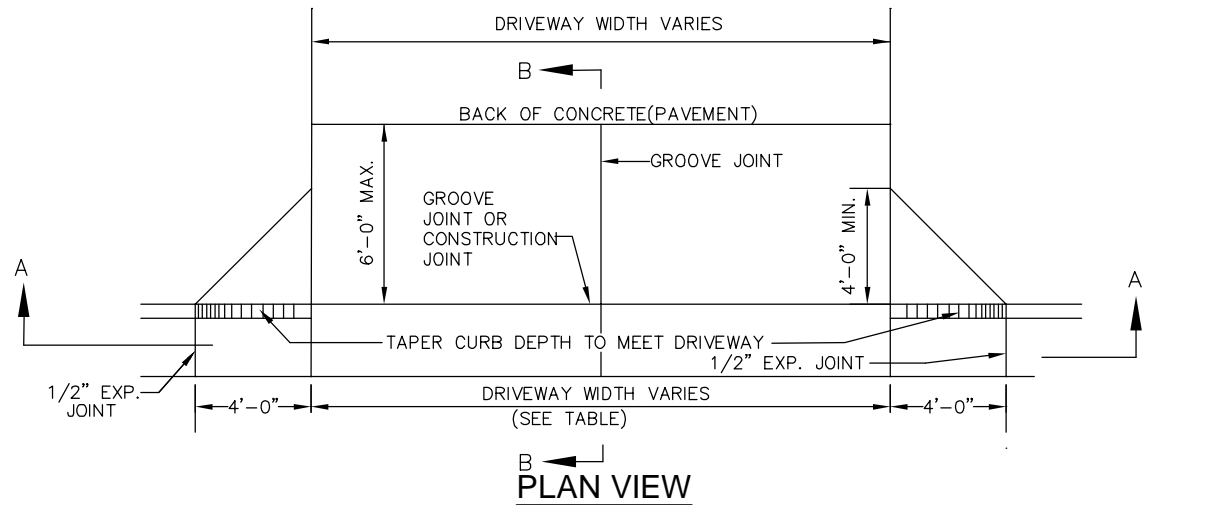
TOWN OF PINEVILLE LAND DEVELOPMENT STANDARDS

RESIDENTIAL DROP CURB TYPE I
DRIVEWAY WITH PLANTING STRIP
(2'-6" CURB AND GUTTER)

REV. DATE	
8/1/19	
STD. NO.	REV.
10.25A	3

NOTES:

1. ALL CONCRETE TO BE 3600 P.S.I.
2. ALL CURB OR CURB AND GUTTER AND SIDEWALKS ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE PLDS 10.17B FOR JOINT DETAIL.
3. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
4. "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).
5. PRIOR APPROVAL IS REQUIRED BY TOWN ENGINEER ON GRADES EXCEEDING WHAT ARE SHOWN.



NOT TO SCALE

DRIVEWAY WIDTH		
DRIVEWAY TYPE	MINIMUM	MAXIMUM
LOCAL/COLLECTOR	10'	30'
THOROUGHFARE*	15'	30'



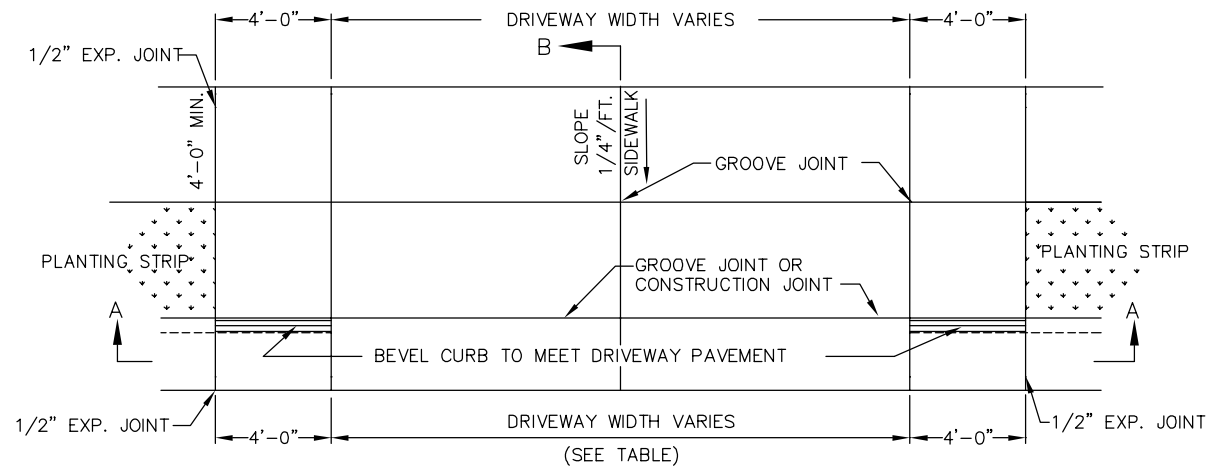
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

DROP CURB DRIVEWAY
WITHOUT PLANTING STRIP

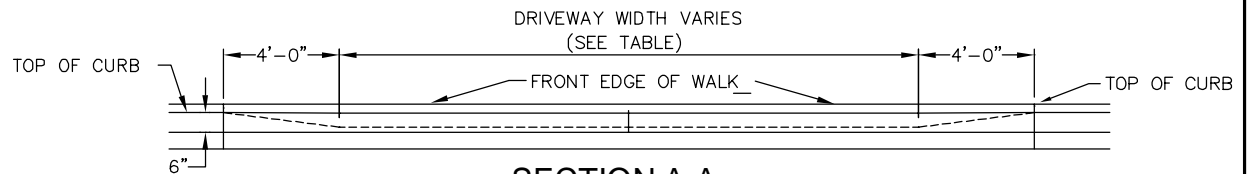
REV. DATE	
8/1/19	
STD. NO.	REV.
10.25A1	3

NOTES:

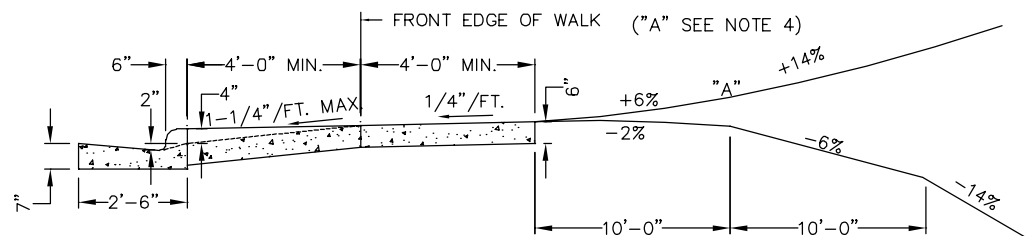
1. ALL CONCRETE TO BE 3600 P.S.I.
2. ALL CURB OR CURB AND GUTTER AND SIDEWALKS ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE PLDS 10.17B FOR JOINT DETAIL.
3. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
4. "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).
5. PRIOR APPROVAL IS REQUIRED BY TOWN ENGINEER ON GRADES EXCEEDING WHAT ARE SHOWN.



PLAN VIEW



SECTION A-A



SECTION B - B

NOT TO SCALE

DRIVEWAYS CLASSIFICATION		
TYPE DRIVEWAYS	MINIMUM	MAXIMUM
ONE-WAY TYPE II - COMMERCIAL	20'	30'
TWO-WAY TYPE II - COMMERCIAL	26'	50'*

* NEED MORE THAN ONE CONTRACTION JOINT IN CENTER.



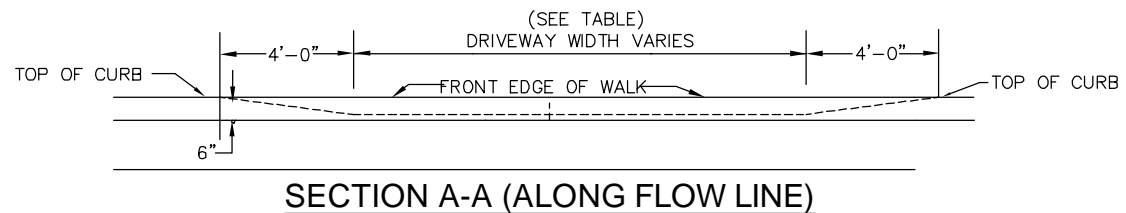
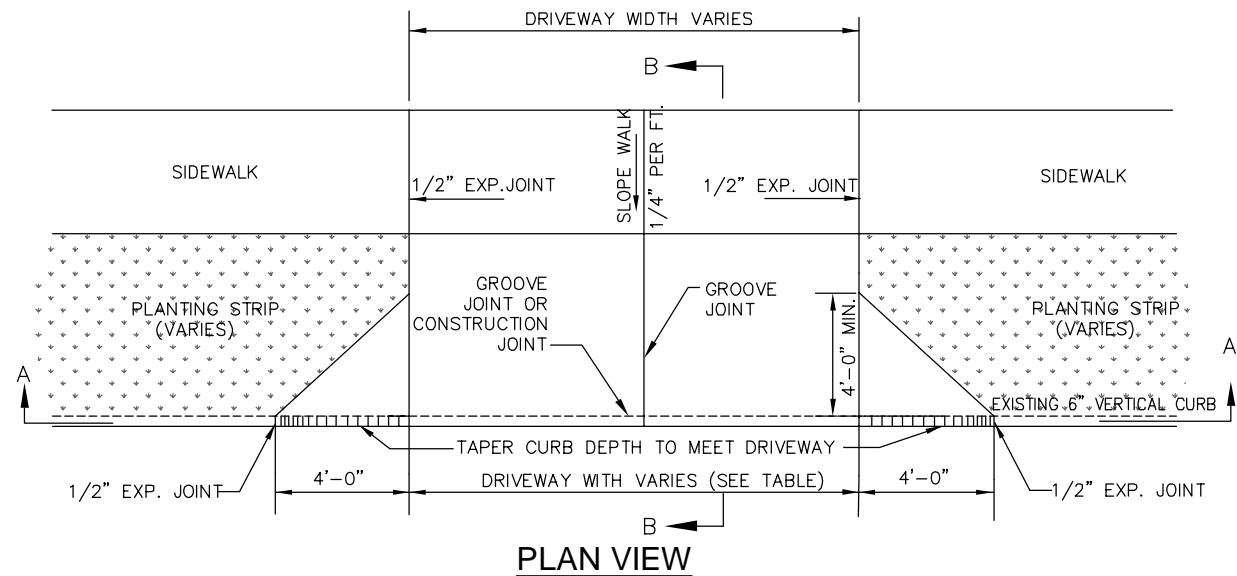
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

COMMERCIAL DROP CURB TYPE II DRIVEWAY
WITH PLANTING STRIP
(2'-6" CURB AND GUTTER)

REV. DATE	
8/1/19	
STD. NO.	REV.
10.25B	3

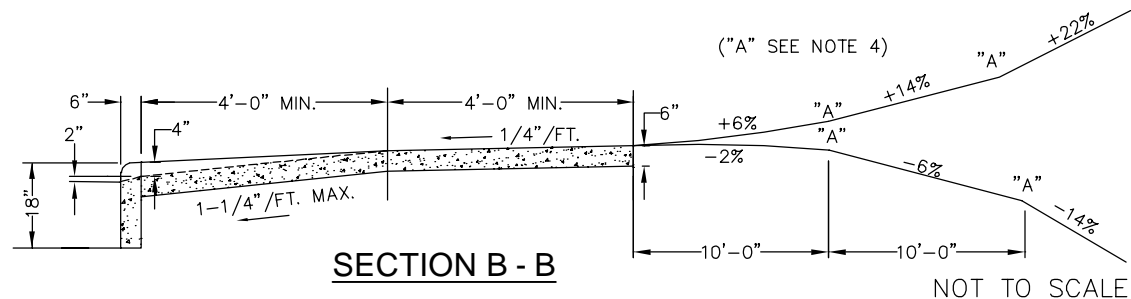
NOTES:

1. ALL CONCRETE TO BE 3600 P.S.I.
2. ALL CURB OR CURB AND GUTTER AND SIDEWALKS ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE PLDS 10.17B FOR JOINT DETAIL.
3. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
4. "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).
5. PRIOR APPROVAL IS REQUIRED BY TOWN ENGINEER ON GRADES EXCEEDING WHAT ARE SHOWN.



DRIVEWAY WIDTH		
DRIVEWAY TYPE	MINIMUM	MAXIMUM
LOCAL/COLLECTOR	10'	30'
THOROUGHFARE*	15'	30'

* MUST PROVIDE ON-SITE TURNAROUND



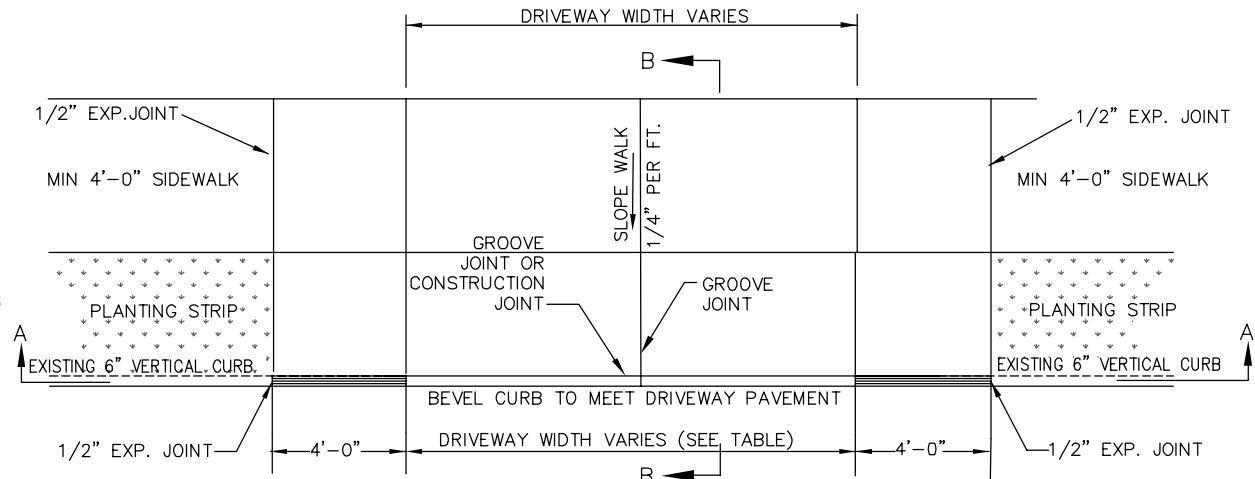
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

RESIDENTIAL DROP CURB TYPE I DRIVEWAY
WITH PLANTING STRIP
(6" X 18" VERTICAL CURB)

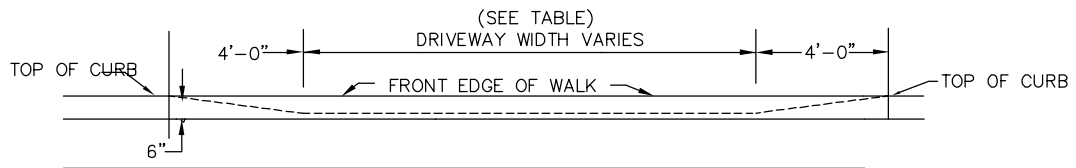
REV. DATE	
8/1/19	
STD. NO.	REV.
10.25C	3

NOTES:

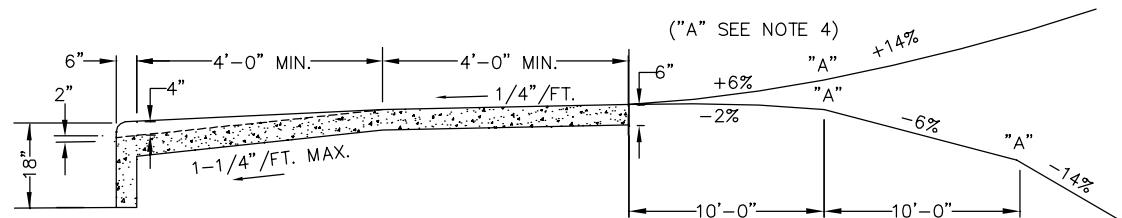
1. ALL CONCRETE TO BE 3600 P.S.I.
2. ALL CURB OR CURB AND GUTTER AND SIDEWALKS ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE PLDS 10.17B FOR JOINT DETAIL.
3. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
4. "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).
5. PRIOR APPROVAL IS REQUIRED BY TOWN ENGINEER ON GRADES EXCEEDING WHAT ARE SHOWN.



PLAN VIEW



SECTION A-A (ALONG FLOW LINE)



SECTION B - B

DRIVEWAYS CLASSIFICATION		
TYPE DRIVEWAYS	MINIMUM	MAXIMUM
ONE-WAY TYPE II - COMMERCIAL	20'	30'
TWO-WAY TYPE II - COMMERCIAL	26'	50'*

* NEED MORE THAN ONE CONTRACTION JOINT IN CENTER.

NOT TO SCALE

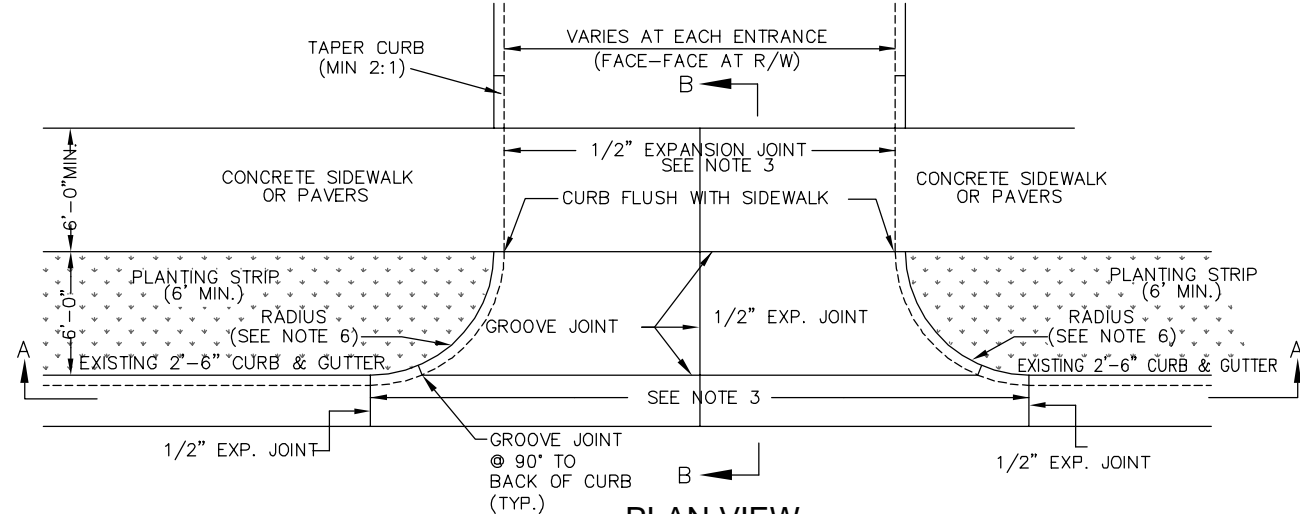


**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

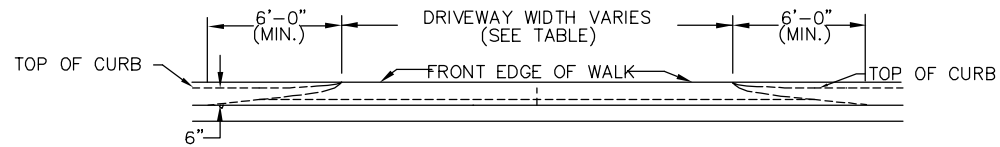
**COMMERCIAL DROP CURB TYPE II DRIVEWAY
WITH PLANTING STRIP
(6" X 18" VERTICAL CURB)**

REV. DATE	
8/1/19	
STD. NO.	REV.
10.25D	3

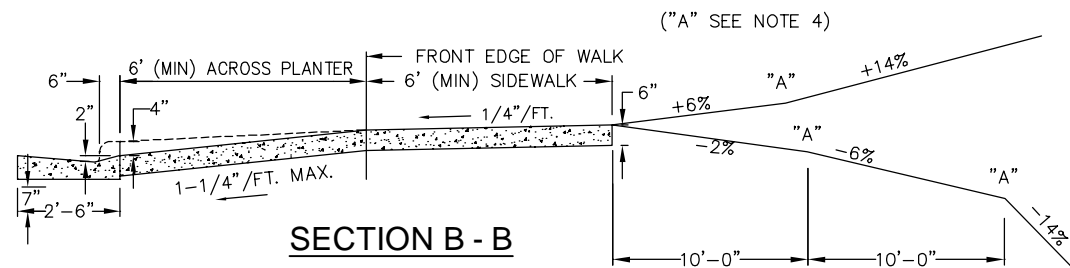
DRIVEWAY DIMENSIONS		
OPERATION/RADIUS	MINIMUM	MAXIMUM
ONE-WAY WITH 6-12 FT. RADII	20'	30'
ONE-WAY WITH 13+ FT. RADII	15'	25'
TWO-WAY WITH 6-12 FT. RADII	26'	50'
TWO-WAY WITH 13+ FT. RADII	22'	40'



PLAN VIEW



SECTION A-A (ALONG FLOW LINE)



SECTION B - B

NOT TO SCALE

NOTES:

1. ALL CONCRETE TO BE 3600 P.S.I.
2. ALL CURB OR CURB AND GUTTER AND SIDEWALKS ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE PLDS 10.17B FOR JOINT DETAIL.
3. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
4. "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).
5. PRIOR APPROVAL IS REQUIRED BY TOWN ENGINEER ON GRADES EXCEEDING WHAT ARE SHOWN.
6. RADII MUST BE MINIMUM 6 FEET OR THE WIDTH OF THE PLANTING STRIP, WHICHEVER IS GREATER. RADII GREATER THAN THESE MINIMUMS MAY BE REQUIRED BY TOWN ENGINEER ON A CASE-BY-CASE BASIS. FOR RADII GREATER THAN 6 FEET, THE RADII ARE TO CONTINUE AS A BAND AT-GRADE THROUGH THE SIDEWALK.

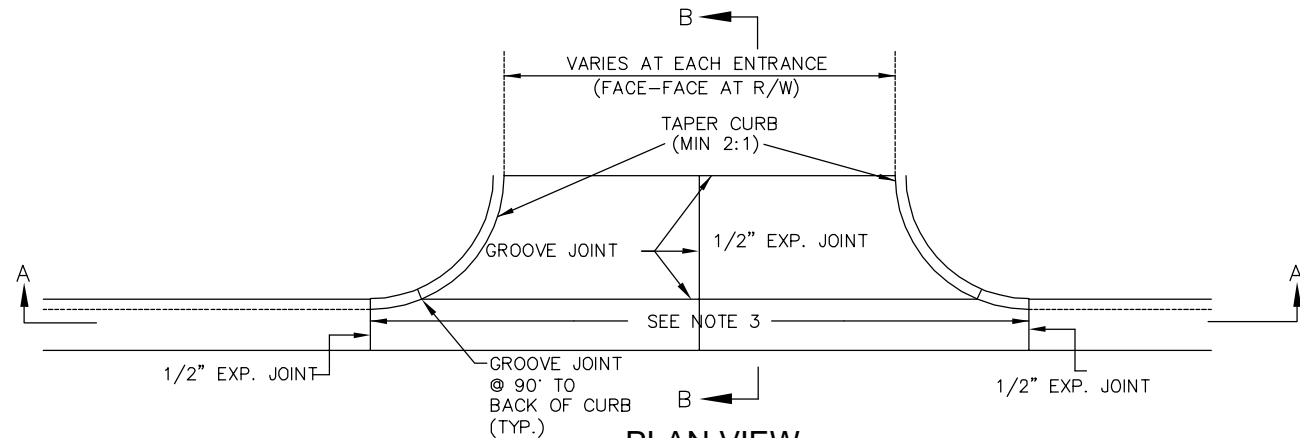


**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

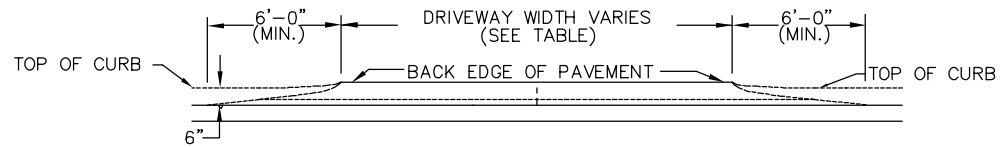
**MODIFIED TYPE II DRIVEWAY
WITH PLANTING STRIP
(2'-6" STANDARD CURB)**

REV. DATE	
8/1/19	
STD. NO.	REV.
10.25E	3

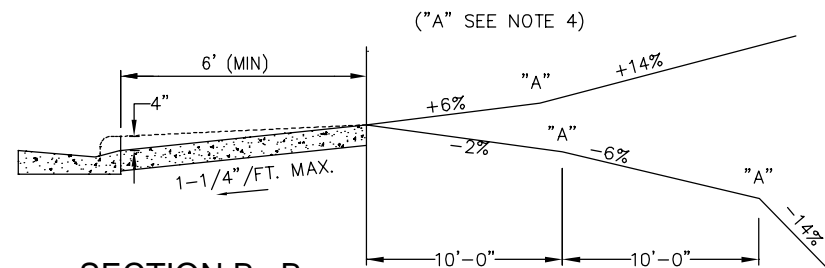
DRIVEWAY DIMENSIONS		
OPERATION/RADIUS	MINIMUM	MAXIMUM
ONE-WAY WITH 6-12 FT. RADII	20'	30'
ONE-WAY WITH 13+ FT. RADII	15'	25'
TWO-WAY WITH 6-12 FT. RADII	26'	50'
TWO-WAY WITH 13+ FT. RADII	22'	40'



PLAN VIEW



SECTION A-A (ALONG FLOW LINE)



SECTION B - B

NOT TO SCALE

NOTES:

1. ALL CONCRETE TO BE 3600 P.S.I.
2. ALL CURB OR CURB AND GUTTER AND SIDEWALKS ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE PLDS 10.17B FOR JOINT DETAIL.
3. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
4. "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).
5. PRIOR APPROVAL IS REQUIRED BY TOWN ENGINEER ON GRADES EXCEEDING WHAT ARE SHOWN.

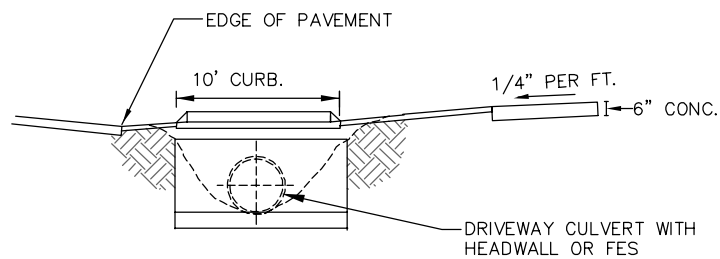


**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**MODIFIED DRIVEWAY
WITHOUT PLANTING STRIP**

REV. DATE	
8/1/19	
STD. NO.	REV.
10.25E1	3

DRIVEWAY WIDTH		
DRIVEWAY TYPE	MINIMUM	MAXIMUM
ONE-WAY	20'	30'
TWO-WAY	26'	50'

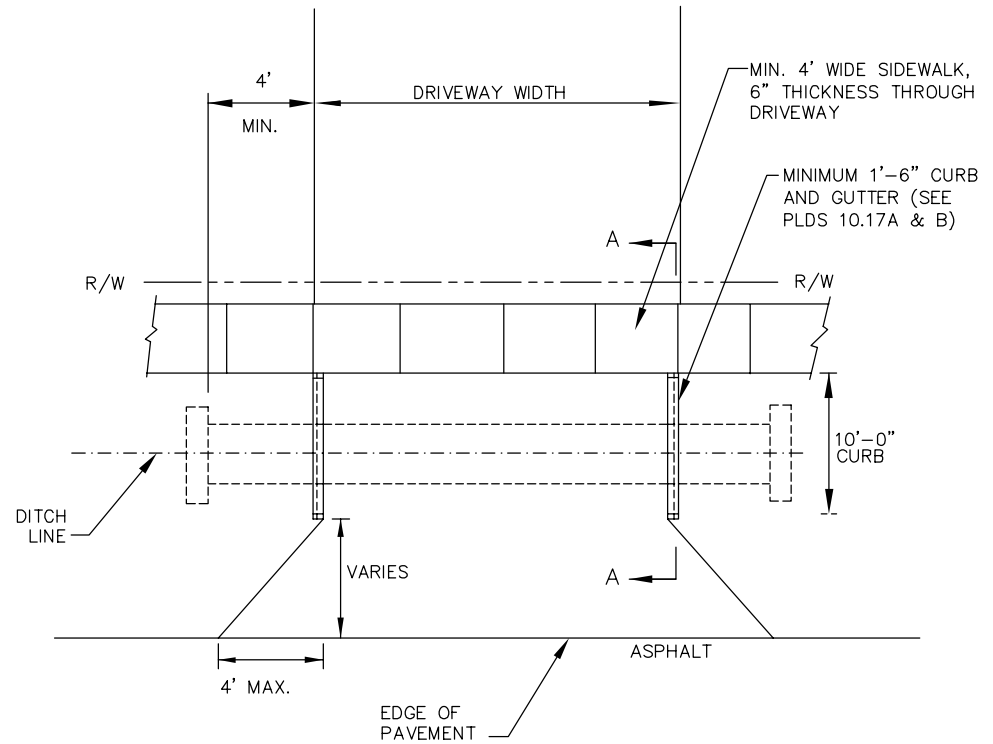


SECTION A-A

* NCDOT TO APPROVE ON NCDOT SYSTEM ROAD.

NOTES:

1. TO BE USED ON ROADS WITHOUT CURB AND GUTTER AND WHERE CURB AND GUTTER IS NOT BEING INSTALLED. (MUST MEET BOTH CRITERIA)
2. ALL CONCRETE TO BE 3600 P.S.I. COMPRESSIVE STRENGTH.
3. USE OF THIS STANDARD FOR RESIDENTIAL DRIVEWAY CONSTRUCTION AT THE DISCRETION OF THE TOWN ENGINEER ONLY.



PLAN

NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**COMMERCIAL TYPE IV
DRIVEWAY**

REV. DATE	
8/1/19	
STD. NO.	REV.
10.25F	3

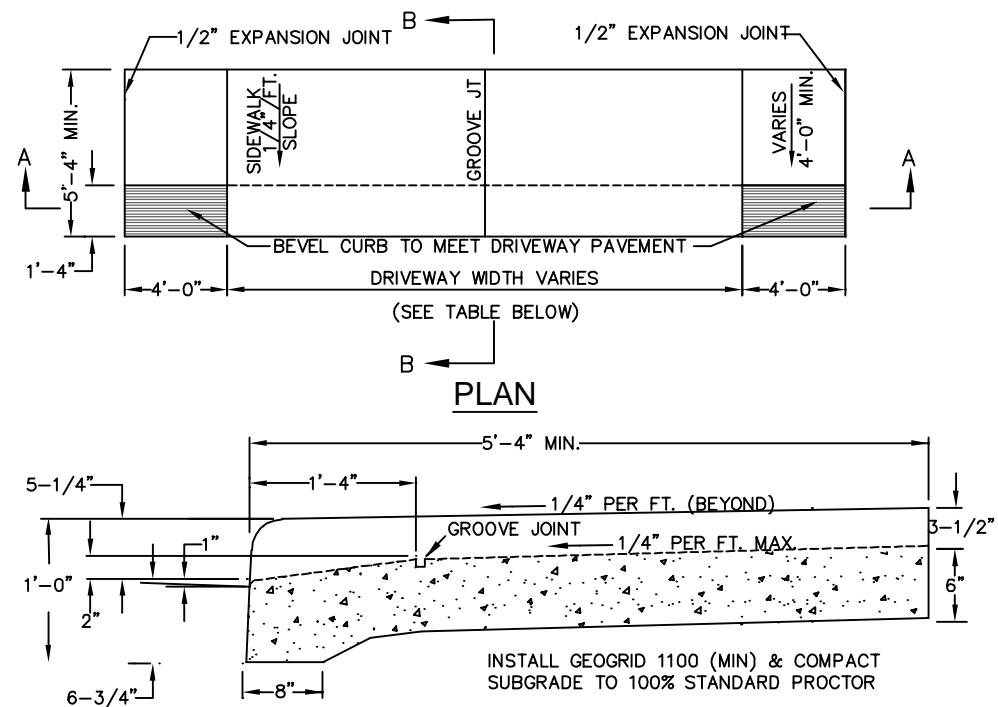


THIS DETAIL TO BE USED ONLY IN CONJUNCTION
WITH MONOLITHIC SIDEWALK AS ON PLDS 10.23

ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCES, AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.

DRIVEWAY WIDTH		
TYPE DRIVEWAY	MINIMUM	MAXIMUM
TYPE E-RESIDENTIAL: LOCAL/COLLECTOR THOROUGHFARE*	10' 15'	30' 30'
ONE-WAY TYPE TTT COMMERCIAL	20'	30'
TWO-WAY TYPE TTT COMMERCIAL	26'	50'

* MUST PROVIDE ON-SITE TURNAROUND



SECTION B - B

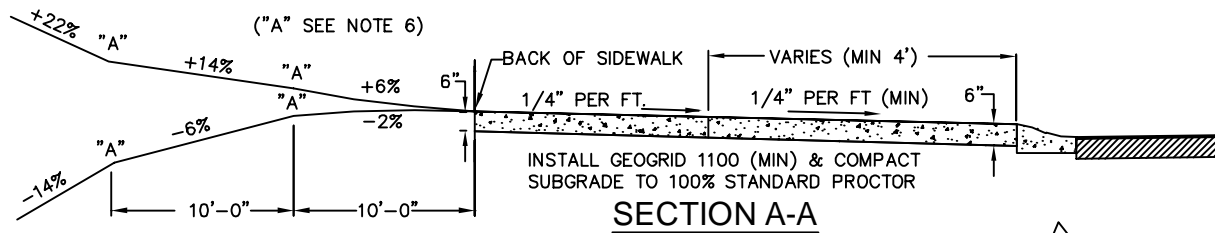
NOT TO SCALE



TOWN OF PINEVILLE LAND DEVELOPMENT STANDARDS

DROP CURB DRIVEWAY
MONOLITHIC CONCRETE CURB AND SIDEWALK

REV. DATE	
STD. NO.	REV.
10.26	1



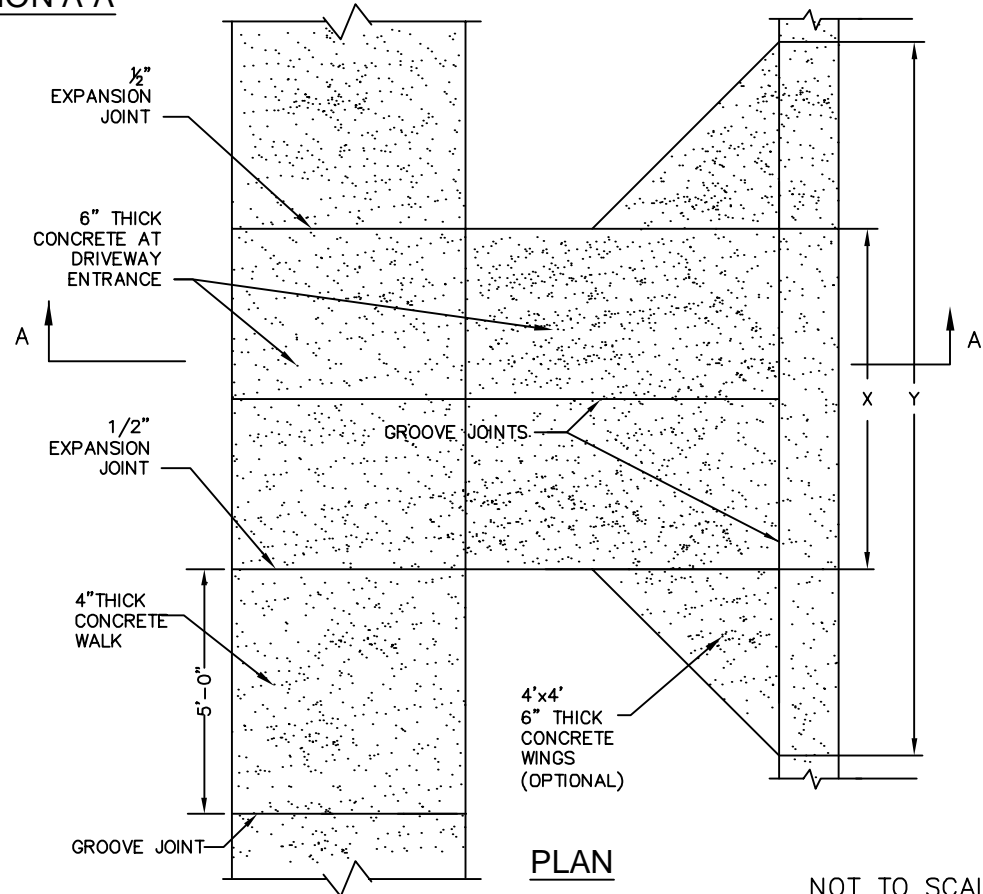
NOTES:

1. THE ELEVATION OF THE SIDEWALK SHALL BE NOT LESS THAN SIX INCHES OR MORE THAN EIGHTEEN INCHES ABOVE THE ROADWAY CROWN. THIS ELEVATION DIFFERENTIAL SHALL BE CONSISTENT WITHIN EACH BLOCK.
2. ALL CONCRETE TO BE 3600 PSI STRENGTH.
3. ALL CONSTRUCTION PRACTICES, INCLUDING COMPACTION, CURING, FINISHING, ETC. SHALL BE IN ACCORDANCE WITH THE THESE LAND DEVELOPMENT STANDARDS.
4. PLANTING STRIP SHALL BE GRADED WITH A CROSS SLOPE BETWEEN 1/2 IN. PER FOOT AND 1 1/4 IN. PER FOOT EXCEPT WHERE EXCESSIVE NATURAL GRADES MAKE THIS REQUIREMENT IMPRACTICAL. IN SUCH CASES, THE TOWN ENGINEER MAY AUTHORIZE A SUITABLE GRADE
5. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS, INCLUDING BUT NOT LIMITED TO SPACING, SIGHT DISTANCE, AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
6. "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).

DRIVEWAY WIDTH		
TYPE I-RESIDENTIAL:	X	Y
LOCAL/COLLECTOR	10' MIN.	30' MAX. **
THOROUGHFARE *	15' MIN.	30' MAX. **

* MUST PROVIDE ON-SITE TURNAROUND

** MAXIMUM WIDTH INCLUDES OPTIONAL WINGS



NOT TO SCALE

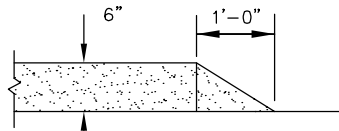


TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

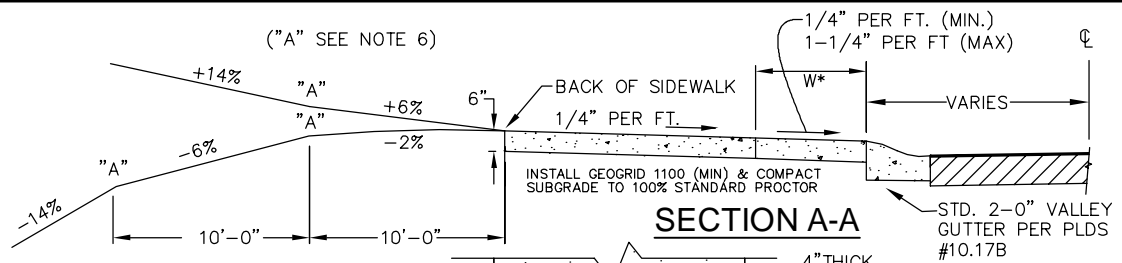
RESIDENTIAL DRIVEWAY (TYPE I)
FOR 2'-0" VALLEY GUTTER

REV. DATE

STD. NO.	REV.
10.27A	1



SECTION B-B



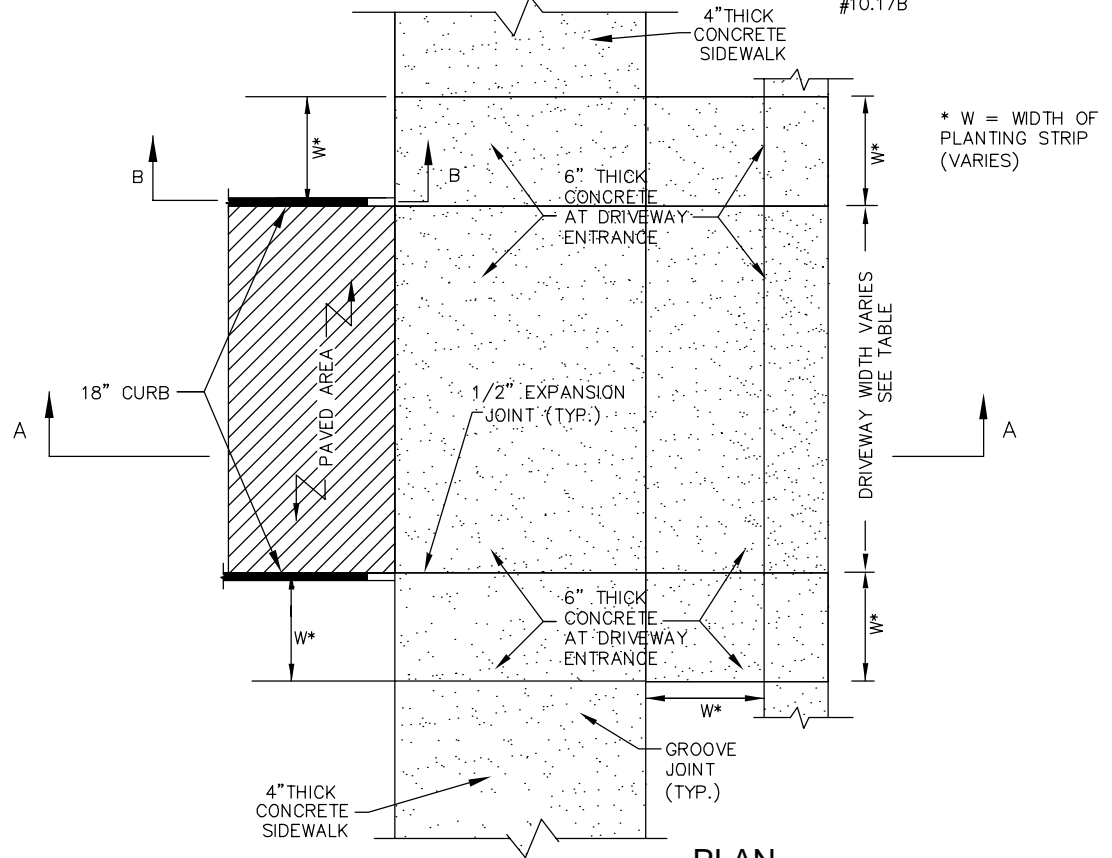
SECTION A-A

NOTES:

1. THE ELEVATION OF THE SIDEWALK SHALL BE NOT LESS THAN SIX INCHES OR MORE THAN EIGHTEEN INCHES ABOVE THE ROADWAY CROWN. THIS ELEVATION DIFFERENTIAL SHALL BE CONSISTENT WITHIN EACH BLOCK.
2. ALL CONCRETE TO BE 3600 PSI STRENGTH.
3. ALL CONSTRUCTION PRACTICES, INCLUDING COMPACTION, CURING, FINISHING, ETC. SHALL BE IN ACCORDANCE WITH THESE LAND DEVELOPMENT STANDARDS.
4. PLANTING STRIP SHALL BE GRADED WITH A CROSS SLOPE BETWEEN 1/2 IN. PER FOOT AND 1 1/4 IN. PER FOOT EXCEPT WHERE EXCESSIVE NATURAL GRADES MAKE THIS REQUIREMENT IMPRACTICAL. IN SUCH CASES, THE TOWN ENGINEER MAY AUTHORIZE A SUITABLE GRADE.
5. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS, INCLUDING BUT NOT LIMITED TO SPACING, SIGHT DISTANCE, AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
6. "A" BREAKOVER SHALL BE 8% OR LESS (A=ALGEBRAIC DIFFERENCE).
7. PRIOR APPROVAL IS REQUIRED BY THE TOWN ENGINEER ON GRADES EXCEEDING WHAT ARE SHOWN.

DRIVEWAY WIDTH		
TYPE DRIVEWAY	MINIMUM	MAXIMUM
ONE-WAY TYPE II COMMERCIAL	20'	30'
TWO-WAY TYPE II COMMERCIAL	26'	50'

* MUST PROVIDE ON-SITE TURNAROUND



PLAN

NOT TO SCALE



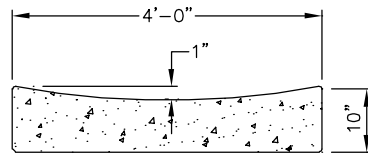
**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**COMMERCIAL TYPE II DRIVEWAY
FOR 2'-0" VALLEY GUTTER**

REV. DATE	
8/1/19	
STD. NO.	REV.
10.27B	3

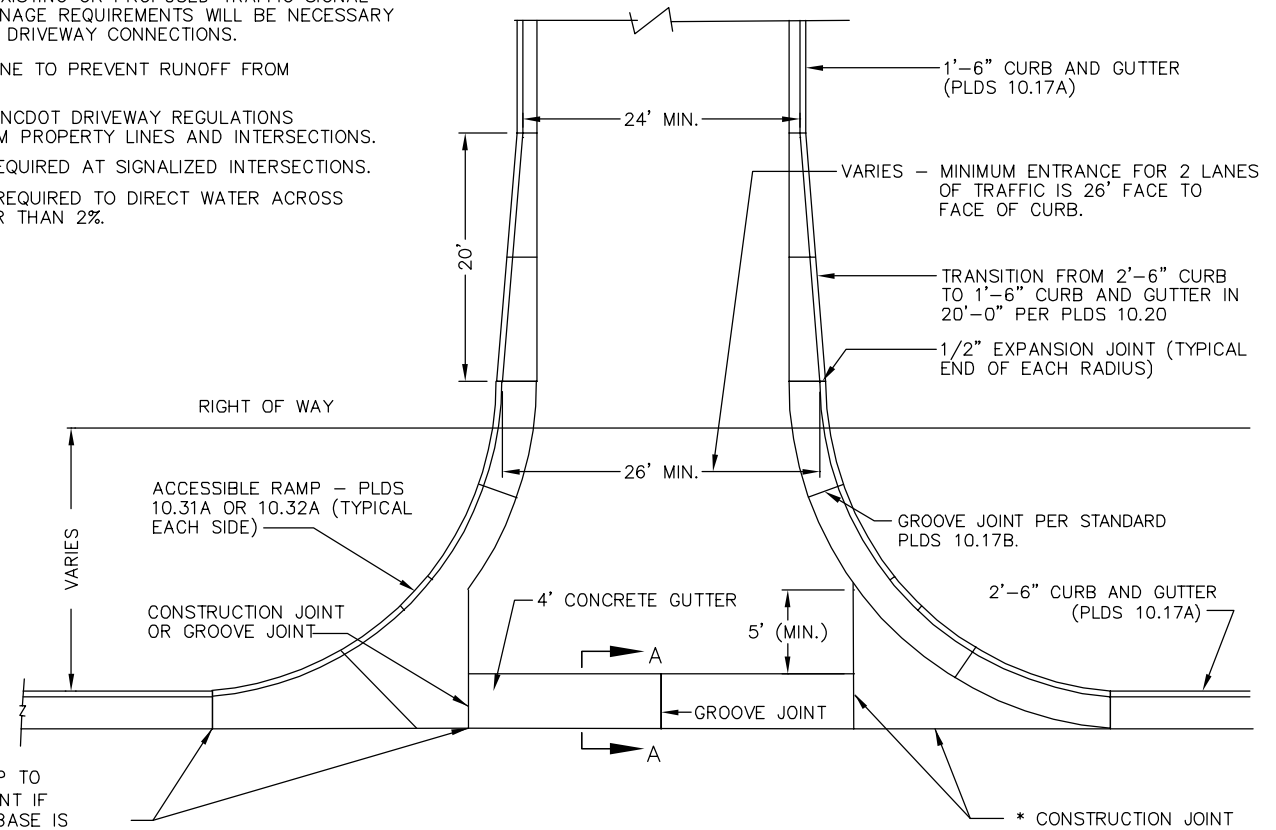
NOTES:

1. WHERE A TYPE III DRIVEWAY IS APPROVED BY THE TOWN ENGINEER THAT CONNECTS TO AN EXISTING SIGNALIZED INTERSECTION, OR AT A LOCATION WHERE A TRAFFIC SIGNAL INSTALLATION IS PROPOSED BY BASED ON A TRAFFIC IMPACT/SIGNAL WARRANT STUDY, A FULL DEPTH ASPHALT PAVEMENT (2-1/2" S-9.5 B AND 6" B-25.0 C) IS REQUIRED. THIS PAVEMENT DESIGN IS REQUIRED IN THE DRIVEWAY EASEMENT (100-FOOT MINIMUM) TO MAINTAIN DETECTOR LOOPS AND PAVEMENT MARKINGS.
 2. A CONCRETE GUTTER IS TO BE USED EXCEPT AT EXISTING OR PROPOSED TRAFFIC SIGNAL LOCATIONS. AT THESE LOCATIONS ADDITIONAL DRAINAGE REQUIREMENTS WILL BE NECESSARY TO ELIMINATE THE NEED FOR GUTTER ACROSS THE DRIVEWAY CONNECTIONS.
 3. THE DRIVEWAY MUST RISE 6" FROM THE GUTTER LINE TO PREVENT RUNOFF FROM ENTERING DRIVEWAY.
 4. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN/ NCDOT DRIVEWAY REGULATIONS FOR SPACING, SIGHT DISTANCE, AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
 5. TWO (2) ACCESSIBLE RAMPS PER CURB RETURN REQUIRED AT SIGNALIZED INTERSECTIONS.
- *FOUR (4) FOOT GUTTER AND WINGS WILL NOT BE REQUIRED TO DIRECT WATER ACROSS DRIVE IF THE DRIVEWAY GUTTER SLOPE IS GREATER THAN 2%.



SECTION A-A

TRANSITION CONCRETE DEPTH FROM 7" AT LIP TO 10" AT CONCRETE GUTTER CONSTRUCTION JOINT IF NO ASPHALT BASE INSTALLED. IF ASPHALT BASE IS USED, 7" CONCRETE DEPTH CAN BE CARRIED THROUGH THE CONCRETE GUTTER.



PLAN

NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

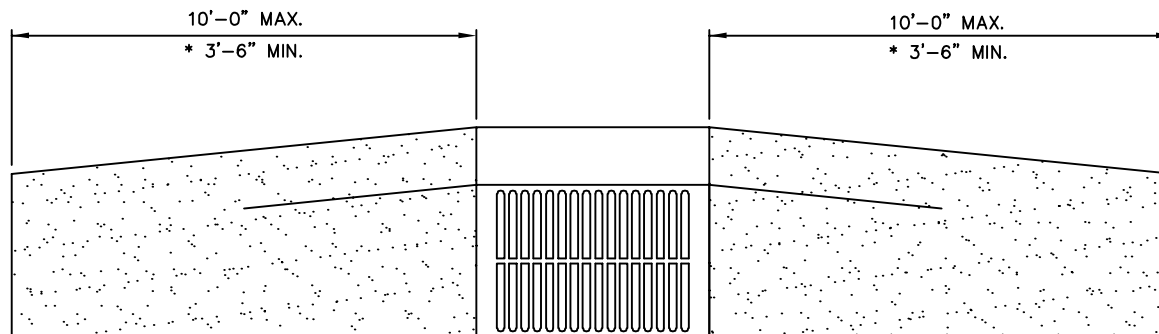
TYPE III DRIVEWAY ENTRANCE

REV. DATE

2/28/23

STD. NO. REV.

10.28 7



PLAN

NOTE:

TRANSITION FROM 2'-6" STANDARD CURB TO VALLEY CURB
AT A DRAINAGE INLET ONLY.

*SEE PLDS 10.19 FOR CROSS SECTION GEOMETRY.

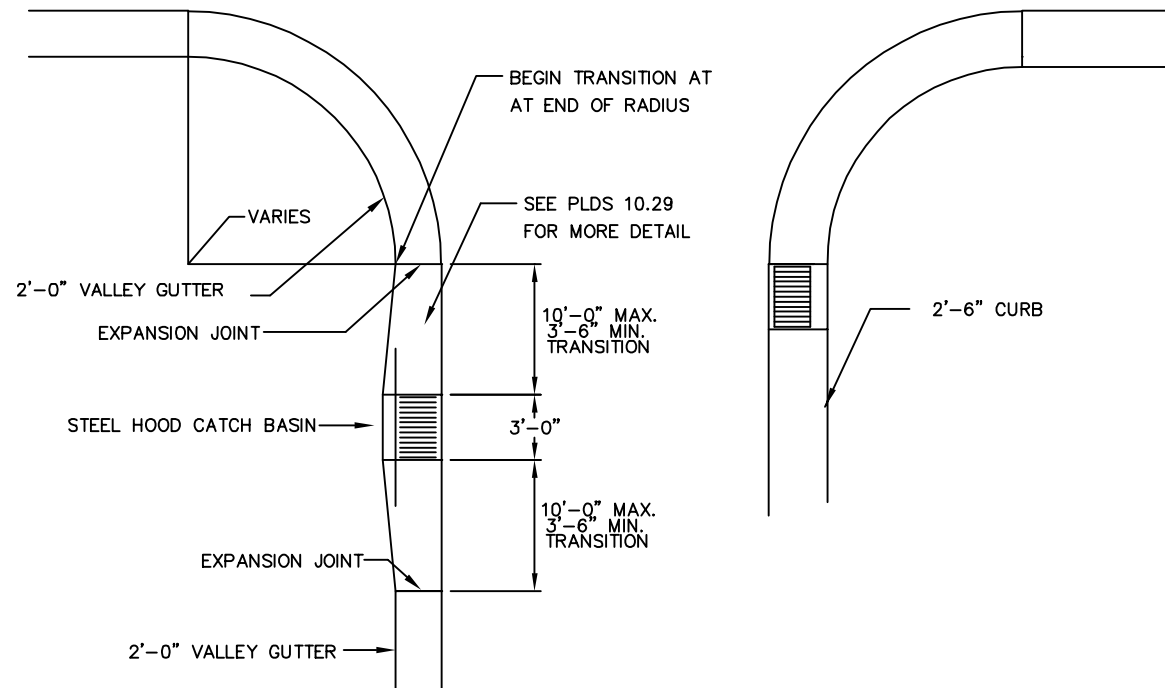


TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

CATCH BASIN FRAME
IN VALLEY GUTTER

REV. DATE

STD. NO.	REV.
10.29	



NOTE:

1. WHERE 2'-6" CURB AND GUTTER IS USED, CATCH BASINS MAY BE LOCATED AT END OF RADIUS.
2. RADIUS AT INTERSECTION MAY VARY.

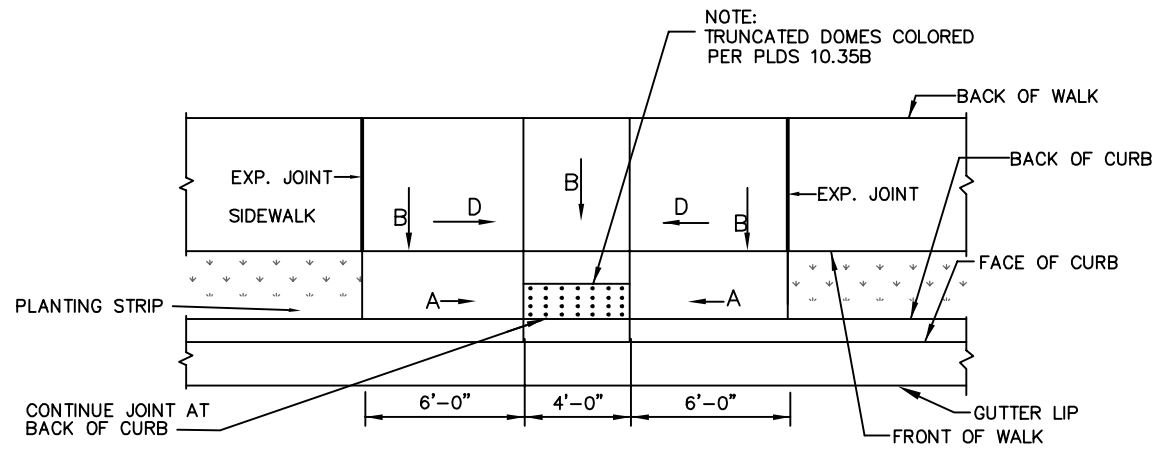
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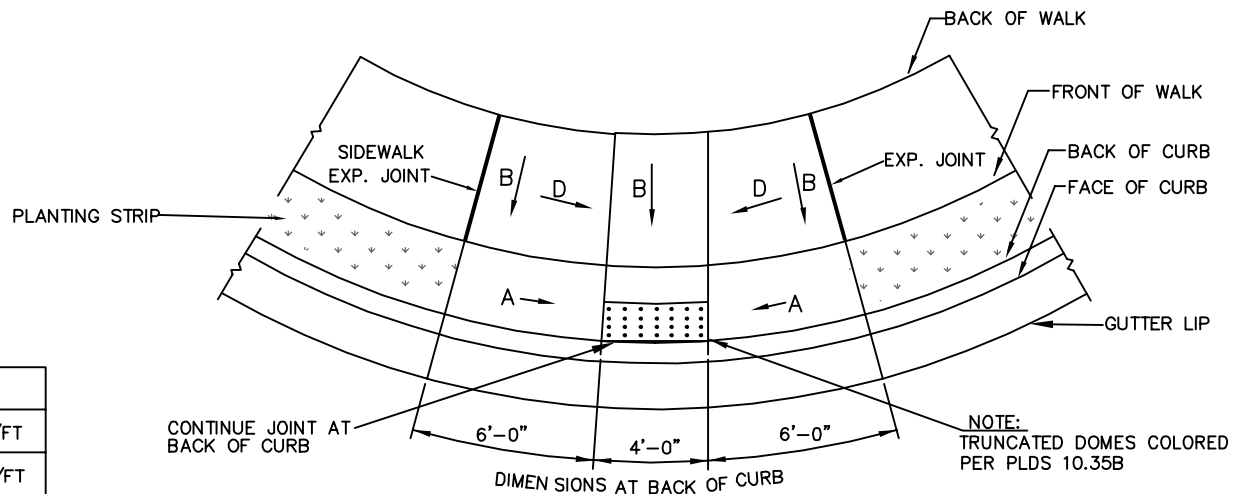
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

CATCH BASIN PLACEMENT AT INTERSECTIONS

REV. DATE	
STD. NO.	REV.
10.30	



PLAN VIEW-PARALLEL RAMP
WITH PLANTING STRIP



PLAN VIEW-DIAGONAL RAMP WITH PLANTING STRIP

SLOPE "A" 12:1
SLOPE "B" 1/4"/FT
SLOPE "D" 3/8"/FT

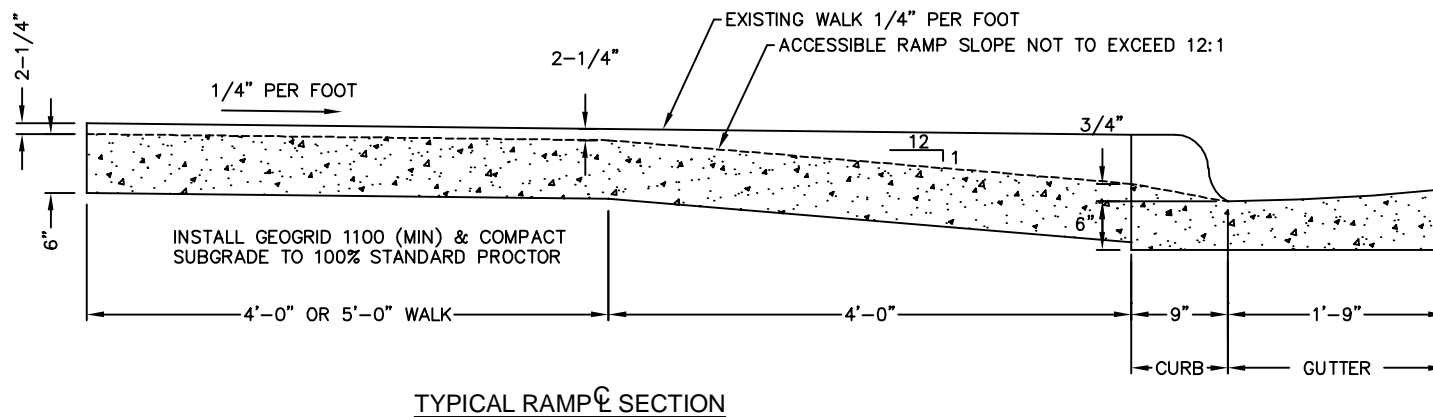
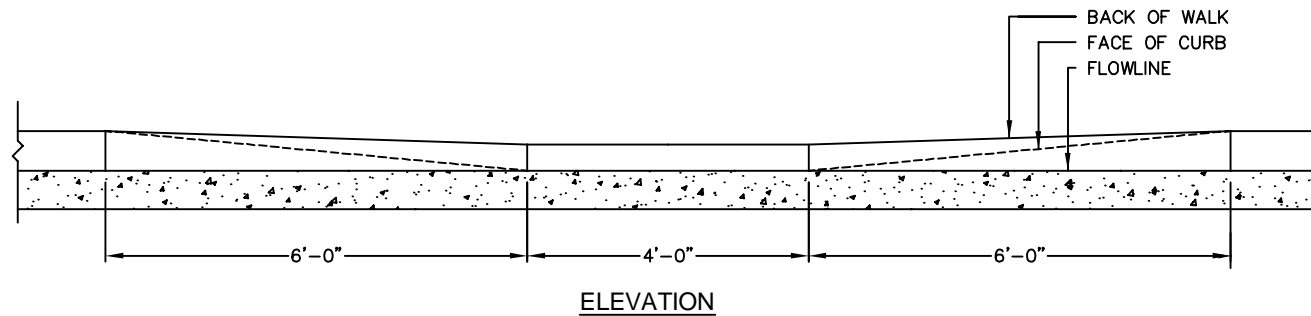
NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

ACCESSIBLE RAMP STANDARD WITH
PLANTING STRIP (2'-6" CURB AND GUTTER)

REV. DATE	
STD. NO.	REV.
10.31A	



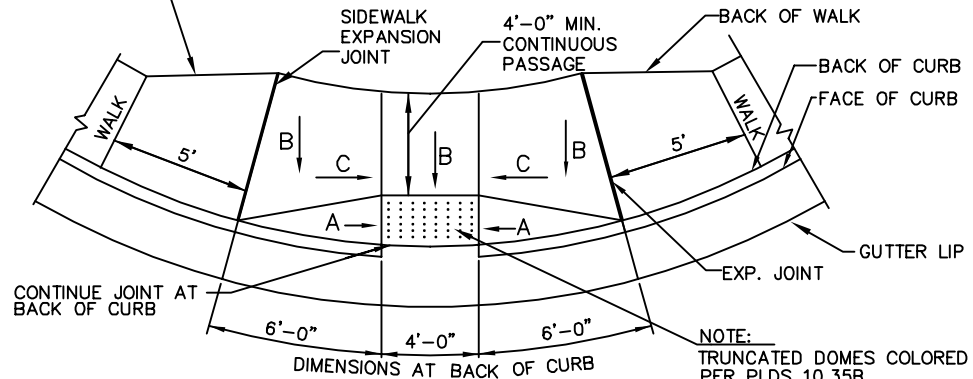
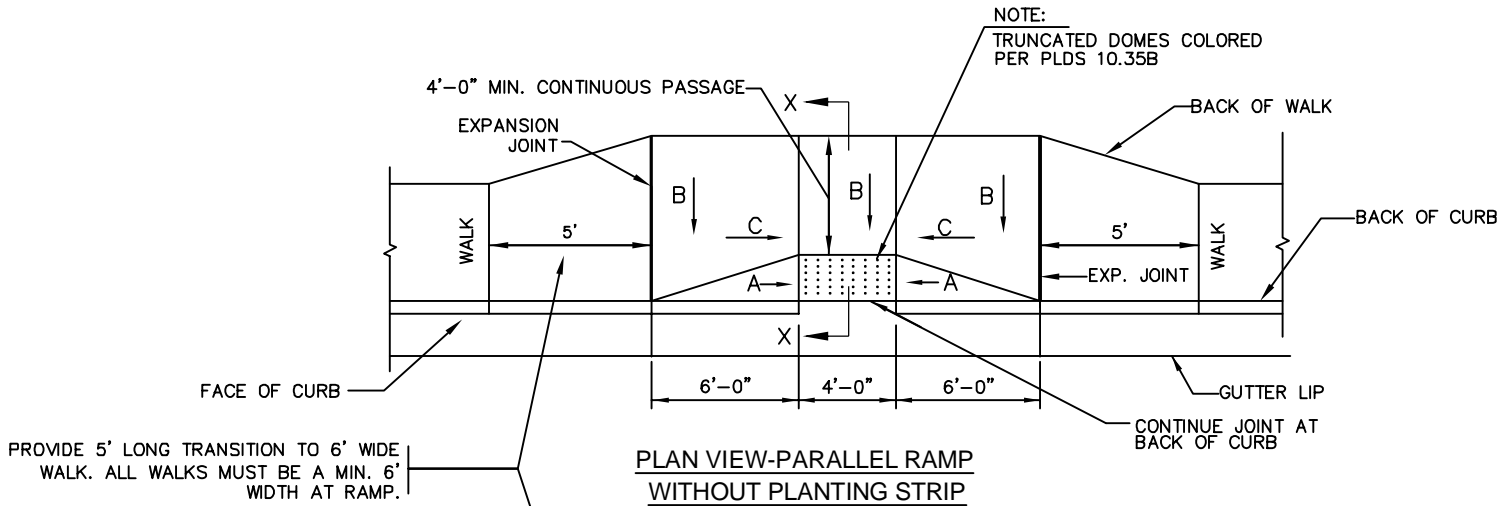
NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

ACCESSIBLE RAMP SECTIONS WITH
PLANTING STRIP (2-6" CURB AND GUTTER)

REV. DATE	
STD. NO.	REV.
10.31B	1



NOT TO SCALE

SLOPE "A" 12:1
SLOPE "B" 1/4"/FT
SLOPE "C" 5/8"/FT



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

ACCESSIBLE RAMP STANDARD WITHOUT
PLANTING STRIP (2'-6" CURB AND GUTTER)

REV. DATE	
STD. NO.	REV.
10.32A	

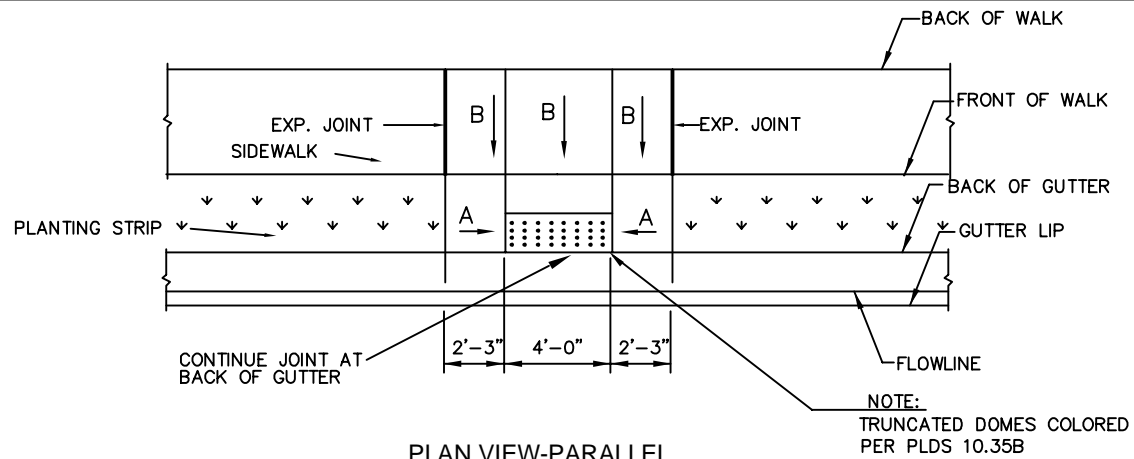


ALL WALKS MUST BE A MIN. 6' WIDTH
AT RAMPS.

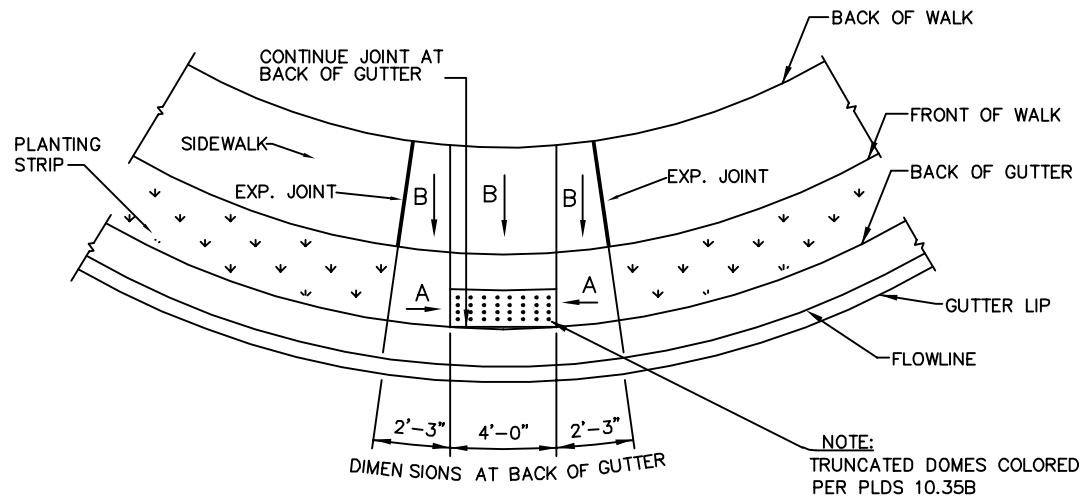


ACCESSIBLE RAMP SECTIONS WITHOUT PLANTING STRIP (2-6" CURB AND GUTTER)

REV. DATE	
STD. NO.	REV.
10.32B	1



PLAN VIEW-PARALLEL
RAMP WITH PLANTING STRIP



PLAN VIEW-DIAGONAL RAMP
WITH PLANTING STRIP

NOT TO SCALE

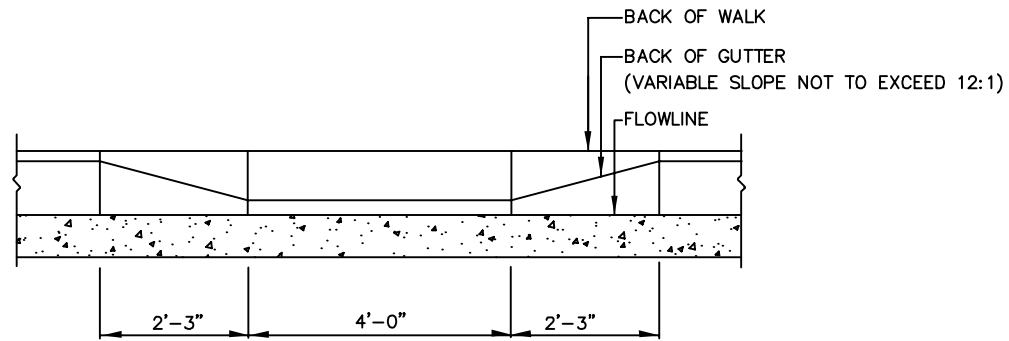
SLOPE "A" 12:1
SLOPE "B" 1/4"/FT



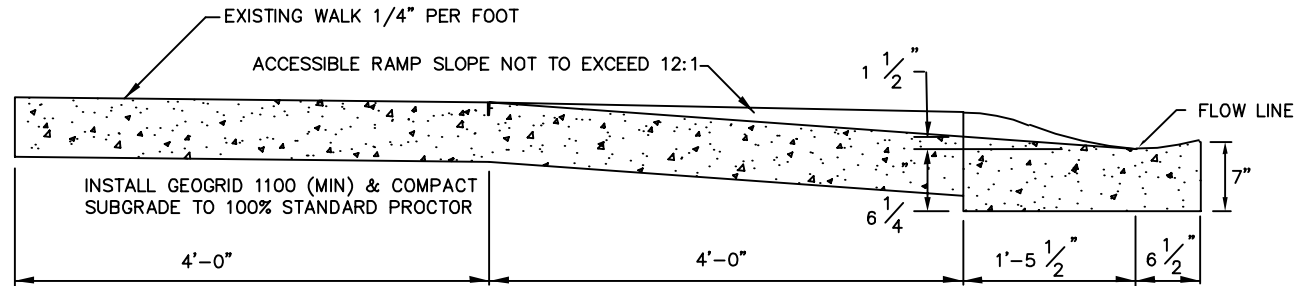
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

ACCESSIBLE RAMP STANDARD
(2'-0" VALLEY GUTTER)

REV. DATE	
STD. NO.	REV.
10.33A	



SECTION THROUGH FLOWLINE



TYPICAL RAMP SECTION

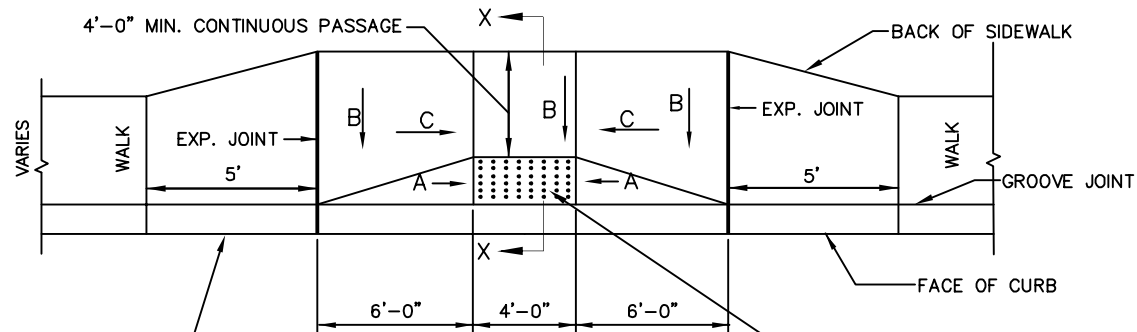
NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

ACCESSIBLE RAMP SECTIONS
(2-0" VALLEY GUTTER)

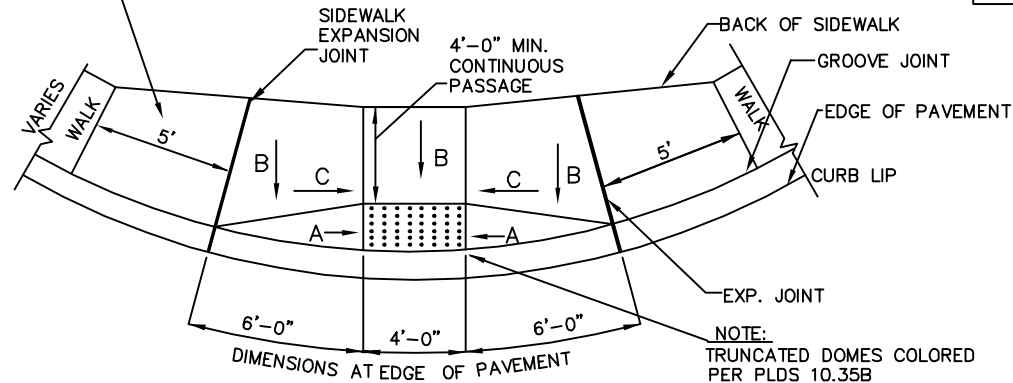
REV. DATE	
STD. NO.	REV.
10.33B	1



PLAN VIEW-PARALLEL RAMP

PROVIDE 5' LONG TRANSITION TO 6' WIDE WALK. ALL WALKS MUST BE A MIN. 6' WIDTH AT RAMP.

SLOPE "A"	12:1
SLOPE "B"	1/4"/FT
SLOPE "C"	1/2"/FT



PLAN VIEW-DIAGONAL RAMP

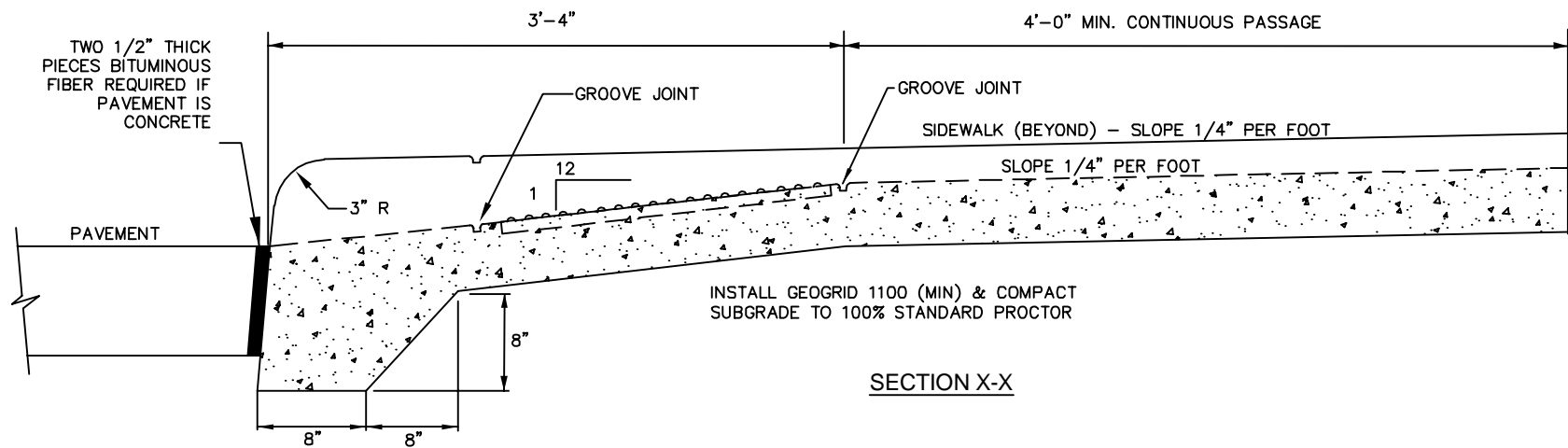
NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

ACCESSIBLE RAMP STANDARD
MONOLITHIC CURB AND SIDEWALK

REV. DATE	
STD. NO.	REV.
10.34A	



NOT TO SCALE



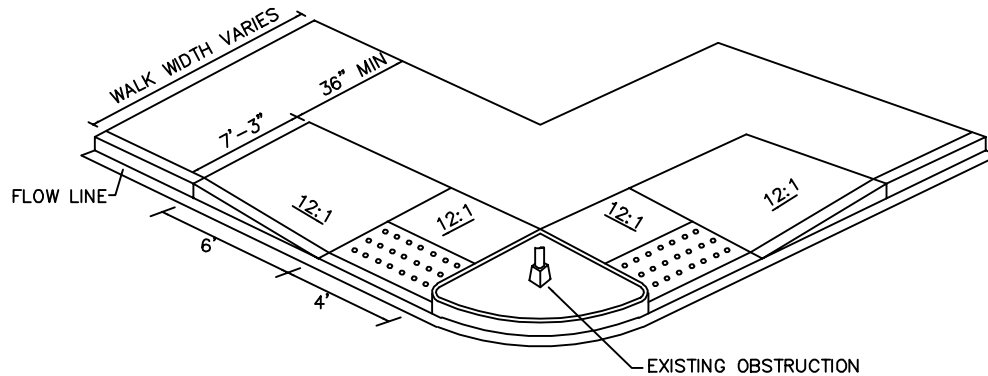
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

ACCESSIBLE RAMP SECTIONS
MONOLITHIC CURB AND SIDEWALK

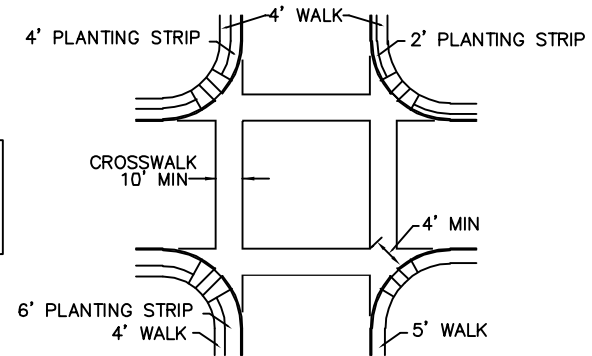
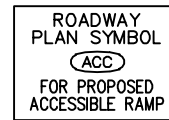
REV. DATE	
STD. NO.	REV.
10.34B	1

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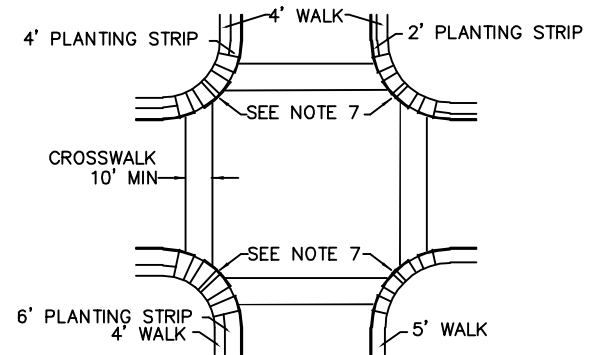
1. RAMP AND WING SLOPES SHALL NOT BE STEEPER THAN 12:1.
2. GUTTER FLOW LINE AND PLAN PROFILE SHALL BE MAINTAINED THROUGH THE RAMP AREA.
3. THE SURFACE OF THE RAMP SHALL BE FLUSH WITH THE FLOWLINE OF THE CURB AND GUTTER.
4. THE RAMP OPENING (AT THE FULLY DEPRESSED CURB) SHALL BE LOCATED WITHIN THE PARALLEL BOUNDARIES OF THE CROSSWALK MARKINGS. THE RAMP CENTERLINE SHALL BE LOCATED AT THE CORNER RADIUS CENTERLINE UNLESS OTHERWISE DIRECTED BY THE ENGINEER. DIAGONAL CURB RAMP SHALL HAVE A SEGMENT OF STRAIGHT CURB AT LEAST 24 INCHES LONG LOCATED ON EACH SIDE OF THE WING SLOPE AND WITHIN THE CROSSWALK MARKINGS.
5. THE WING AND RAMP SURFACES SHALL BE 3600 PSI CONCRETE WITH A SIDEWALK FINISH IN ACCORDANCE WITH CURRENT EDITION NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
6. DRAINAGE STRUCTURES, MAST ARMS, LIGHT POLES AND OTHER OBSTRUCTIONS SHALL NOT BE PLACED IN LINE WITH RAMPS. LOCATION OF THE RAMP SHALL TAKE PRECEDENCE OVER LOCATION OF OBSTRUCTIONS EXCEPT WHERE EXISTING OBSTRUCTIONS ARE BEING UTILIZED IN THE NEW CONSTRUCTION.
7. AT ALL LOCATIONS, NOT LESS THAN 2 FEET OF FULL HEIGHT CURB SHALL BE PLACED BETWEEN THE RAMPS.
8. SEE PLDS 10.35B FOR DETECTABLE WARNING INSTALLATION.



**PLACEMENT FOR OBSTRUCTED CORNER RADIUS OR
CORNER RADIUS LESS THAN TEN FEET**



**TYPICAL LOCATION OF ACCESSIBLE
RAMPS AND PEDESTRIAN CROSSWALKS
ON SUBDIVISION STREETS**



**TYPICAL LOCATION OF ACCESSIBLE
RAMPS AND PEDESTRIAN CROSSWALKS ON
THOROUGHFARES/SIGNALIZED INTERSECTIONS**
SEE NCDOT STANDARD DRAWINGS

NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

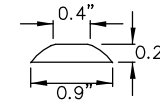
**STANDARD PLACEMENT OF ACCESSIBLE
RAMP AND GENERAL NOTES**

REV. DATE

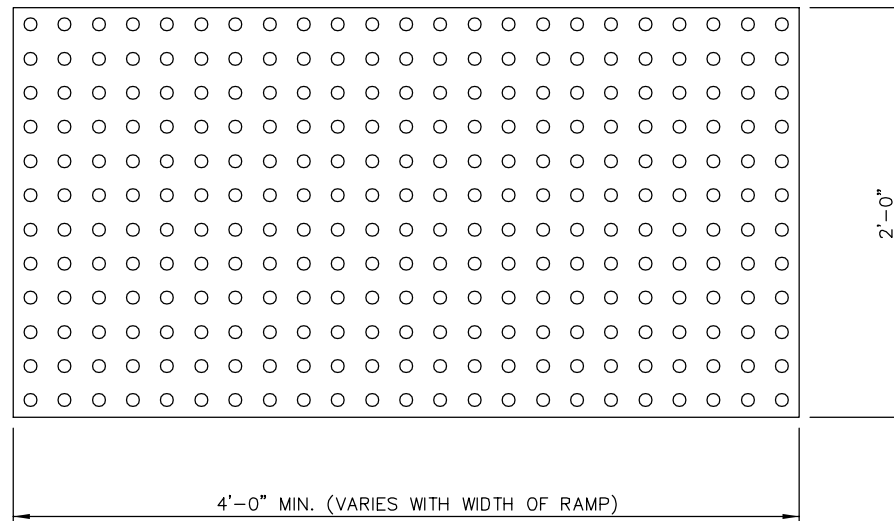
STD. NO.	REV.
10.35A	

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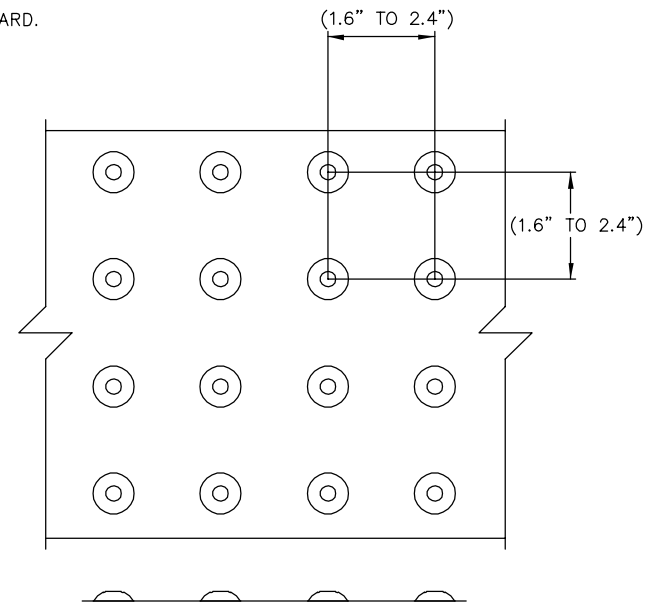
1. ALL DETECTABLE WARNING DEVICES USED IN NEW CONSTRUCTION SHALL BE OF A RIDGID PRECAST OR EMBEDDED PRODUCT APPROVED BY THE TOWN ENGINEER. RETRO FIT MATS WILL ONLY BE ALLOWEED ON EXISTING RAMPS WITH PRIOR APPROVAL OF THE TOWN ENGINEER FOR MATERIAL TYPE AND INSTALLATION (IE. RESURFACING).
2. WIDTH OF DETECTABLE WARNING AREA SHALL BE A MINIMUM OF 4 FEET AND VARY WITH WIDTH OF RAMP.
3. LENGTH OF DETECTABLE WARNING AREA SHALL BE 2 FEET REGARDLESS OF SECTION WIDTH.
4. DETECTABLE WARNING AREA CAN BE SQUARE WHERE USED IN A CURB RADIUS.
5. DETECTABLE WARNING DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.
6. DECTECTABLE WARNING AREA SHALL BE COLORED BLACK.
7. IF PAVERS ARE TO BE USED, PAVERS SHALL BE 6" THICK AND CAST FROM 5000 psi CONCRETE.
8. MATS ARE TO BE RIGID WITH TURN DOWN EDGES EMBEDDED IN CONCRETE TO ELIMINATE TRIP HAZARD.



TRUNCATED DOME SECTION



TRUNCATED DOME PLAN VIEW



TRUNCATED DOME SPACING

NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

TRUNCATED DOMES
PLAN AND CROSS-SECTION

REV. DATE	
8/1/19	
STD. NO.	REV.
10.35B	3

NOTES:

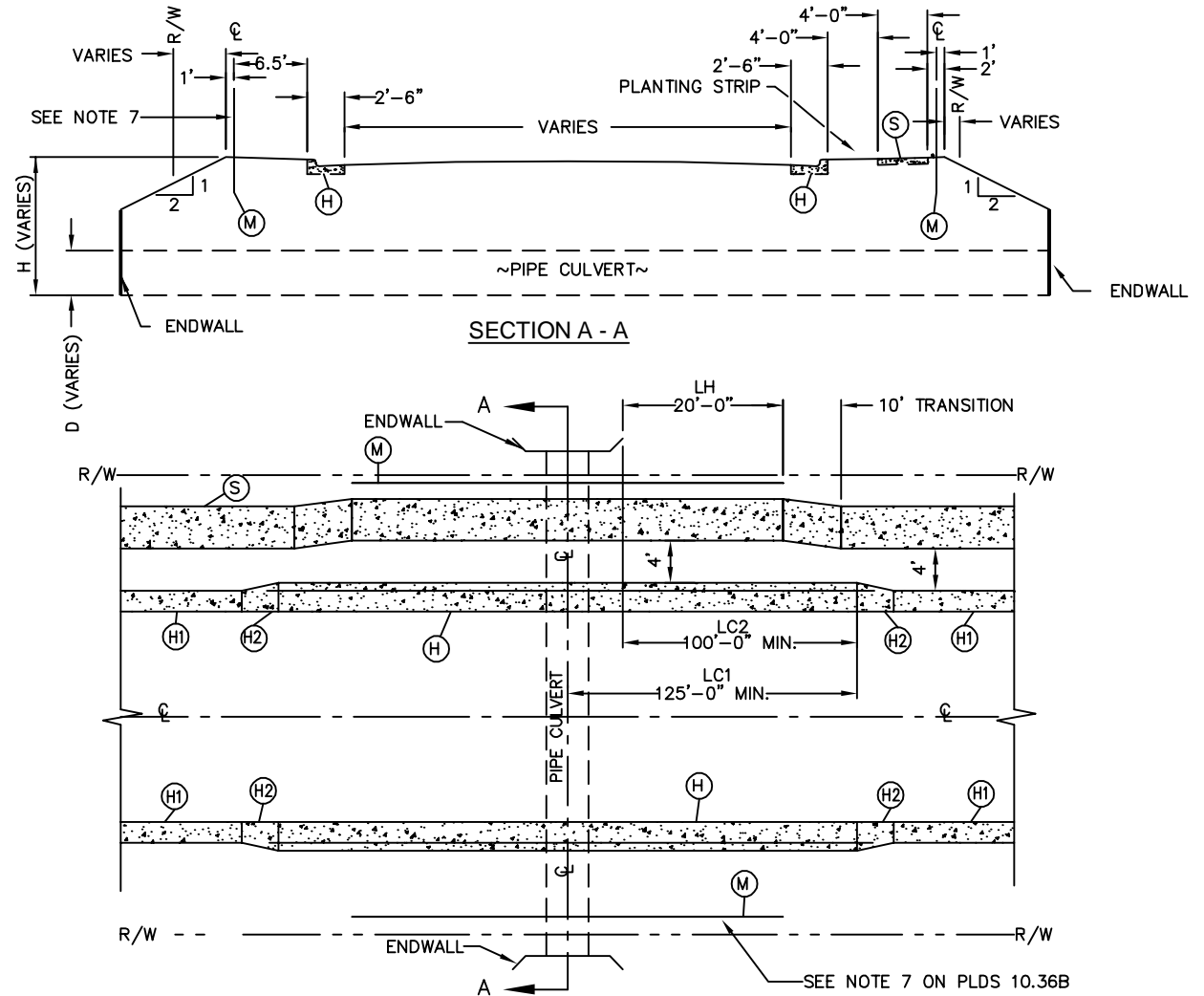
- SEE PLDS. 10.36B FOR GENERAL NOTES AND CLEAR ZONE DISTANCES

- (H) 2'-6" CURB AND GUTTER, PLDS 10.17A
- (M) SAFETY RAIL, PLDS 50.04A & 50.04B
- (S) 4'-0" SIDEWALK, PLDS 10.22
- (H1) 2'-0" VALLEY GUTTER, PLDS 10.17B
- (H2) CURB TRANSITION 2'-6" CURB AND GUTTER TO 2'-0" VALLEY GUTTER, PLDS 10.19

LH = DISTANCE FROM END OF WINGWALL TO END OF SAFETY RAIL.

LC1 = DISTANCE FROM ϕ OF CULVERT TO END OF 2'-6" CURB AND GUTTER.

LC2 = DISTANCE FROM END OF WINGWALL TO END OF 2'-6" CURB AND GUTTER.



NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

CULVERT CROSSINGS ON RESIDENTIAL
AND COMMERCIAL STREETS

REV. DATE

STD. NO.	REV.
10.36A	

GENERAL NOTES:

1. UNLESS OTHERWISE DETERMINED BY THE TOWN ENGINEER, THE MEASURES ILLUSTRATED SHALL BE USED WHEN CULVERT DIAMETER, D, IS GREATER THAN OR EQUAL TO 24 INCHES AND WHEN THE DIFFERENCE IN ELEVATION BETWEEN THE CULVERT INVERT AND THE TOP OF SLOPE, H, IS GREATER THAN OR EQUAL TO 5 FEET.
2. INSTALLATION OF 2'-6" CURB AND GUTTER MAY NOT BE REQUIRED WHEN AN ADEQUATE CLEAR ZONE IS PROVIDED FOR VEHICLES WITH A MAXIMUM OF 6:1 SLOPE (SEE TABLE 1).
3. INSTALLATION OF SAFETY RAIL MAY NOT BE REQUIRED WHEN A 10-FOOT PEDESTRIAN CLEAR ZONE IS PROVIDED BEHIND THE SIDEWALK WITH A MAXIMUM OF 6:1 SLOPE. WHERE NO SIDEWALK IS REQUIRED, INSTALLATION OF SAFETY RAIL MAY NOT BE REQUIRED WHEN A 15-FOOT PEDESTRIAN CLEAR ZONE IS PROVIDED BEHIND THE CURB WITH A MAXIMUM OF 6:1 SLOPE.
4. FOR CULVERT CROSSINGS WITHOUT ENDWALLS, LH AND LC2 SHALL BE MEASURED FROM THE OUTSIDE OF THE NEAREST WALL OF THE CULVERT BARREL.
5. FOR MULTIPLE BARREL CULVERT CROSSINGS, LC1 SHALL BE MEASURED FROM THE CENTERLINES OF THE OUTBOARD CULVERT BARRELS.
6. WHEN NECESSARY, AS DETERMINED BY THE TOWN ENGINEER, ADDITIONAL MEASURES MAY BE REQUIRED.
7. INSTALLATION OF SAFETY RAIL IS REQUIRED ON BOTH SIDES OF STREET IF SIDEWALK IS REQUIRED ON BOTH SIDES.
8. INSTALLATION OF SAFETY RAIL IS REQUIRED ON BOTH SIDES OF STREET IF NO SIDEWALK IS REQUIRED EXCEPT WHEN A 15-FOOT PEDESTRIAN CLEAR ZONE IS PROVIDED BEHIND THE CURB WITH A MAXIMUM OF 6:1 SLOPE.
9. INSTALLATION OF SAFETY RAIL IS REQUIRED ON THE SIDEWALK SIDE OF STREET IF SIDEWALK IS ONLY REQUIRED ON ONE SIDE OF STREET. INSTALL EITHER SAFETY RAIL OR 15-FT CLEAR ZONE ON SIDE WITHOUT SIDEWALK.
10. DESIGN ADT IS CALCULATED ASSUMING A TRIP GENERATION OF 10 DAILY TRIPS PER SINGLE FAMILY DWELLING UNIT.

TABLE 1
CLEAR ZONE DISTANCES
LOCAL, COLLECTOR, AND COMMERCIAL STREETS

DESIGN ADT	CLEAR ZONE FROM EDGE OF PAVEMENT	
	TANGENT SECTION	CURVE (WITHIN 125' OF CULVERT)
UNDER 750	10'	15'
750 – 1500	12'	18'
1501 – 6000	14'	21'
OVER 6000	16'	24'

SEE PLDS 10.36A FOR PLAN AND CROSS SECTIONAL SCHEMATICS.

NOT TO SCALE



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

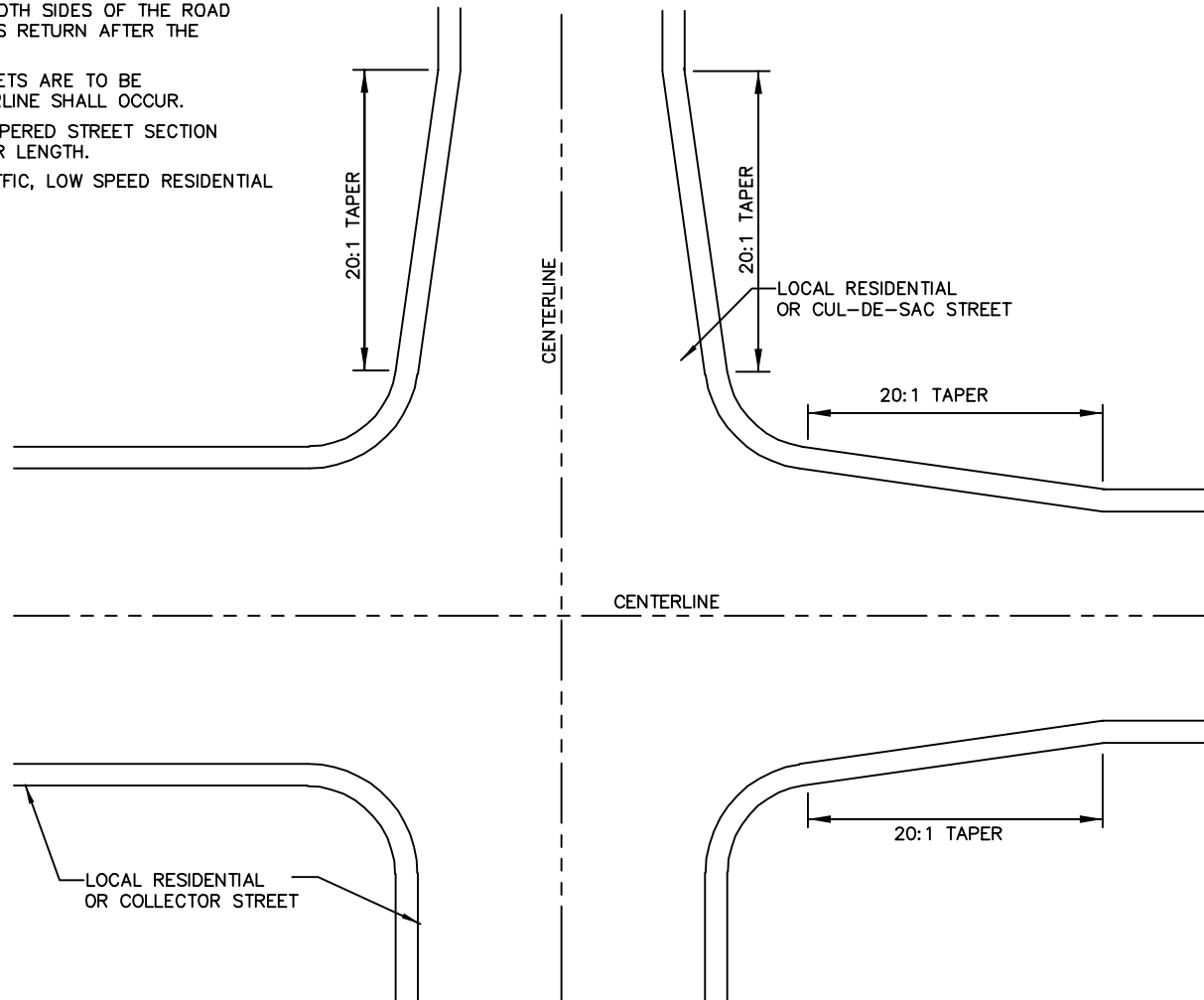
**CULVERT CROSSINGS ON RESIDENTIAL
AND COMMERCIAL STREETS**

REV. DATE

STD. NO.	REV.
10.36B	

GENERAL NOTES:

1. ALL TAPERS ARE 20:1 AND OCCUR ON BOTH SIDES OF THE ROAD TO BE TAPERED STARTING AT THE RADIUS RETURN AFTER THE INTERSECTION.
2. CENTERLINE OF LOCAL RESIDENTIAL STREETS ARE TO BE MAINTAINED. NO SHIFTING OF THE CENTERLINE SHALL OCCUR.
3. RIGHT OF WAY AND SIDEWALK BEHIND TAPERED STREET SECTION TO TAPER OVER THE SAME STREET TAPER LENGTH.
4. DETAIL ALSO APPLIES FOR ALL LOW TRAFFIC, LOW SPEED RESIDENTIAL STREETS.



NOT TO SCALE



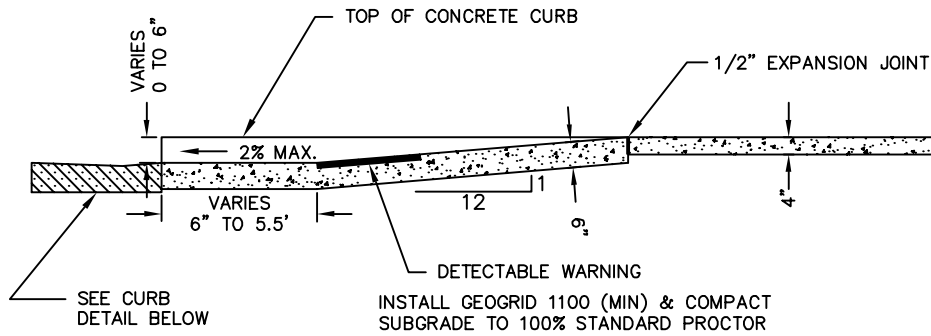
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

TYPICAL RESIDENTIAL STREET TAPER

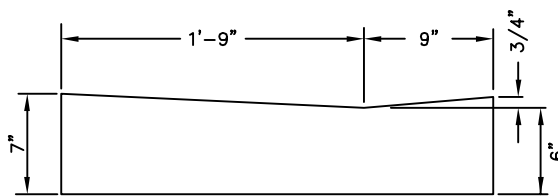
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10.37	

NOTES:

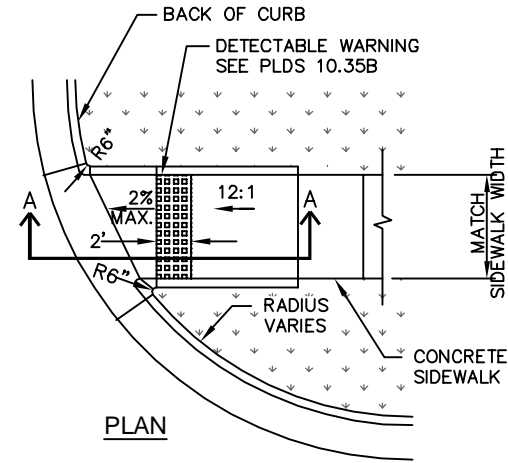
- USE THIS DETAIL ONLY UNDER THE FOLLOWING CIRCUMSTANCES:
 - 5-FOOT SIDEWALKS WITH CURB RADII OF 35 FEET OR LESS
 - 6-FOOT SIDEWALKS WITH CURB RADII OF 30 FEET OR LESS
 - 8-FOOT SIDEWALKS WITH CURB RADII OF 25 FEET OR LESS
- DIRECTIONAL RAMPS MAY BE USED WHEN AN 8-FOOT PLANTING STRIP IS PROVIDED. DO NOT USE THIS DETAIL IF THERE IS HARDSCAPE INSTEAD OF A PLANTING STRIP.
- ALL CONCRETE SHALL BE AT LEAST 3600 PSI.



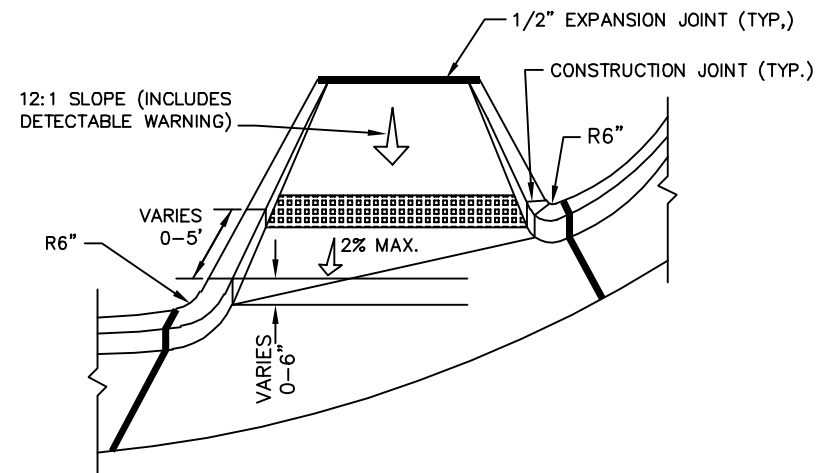
SECTION A-A



CURB DETAIL



PLAN



PERSPECTIVE

NOT TO SCALE



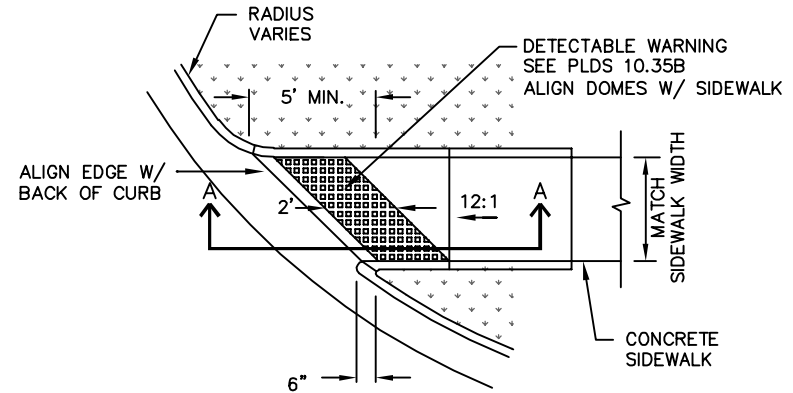
TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

DIRECTIONAL ACCESSIBLE RAMP
WITH SMALL/MEDIUM CURB RADII

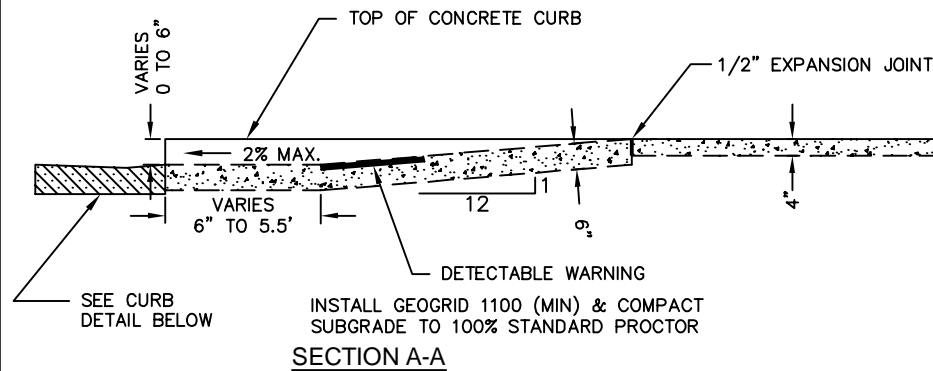
REV. DATE	
STD. NO.	REV.
10.40A	1

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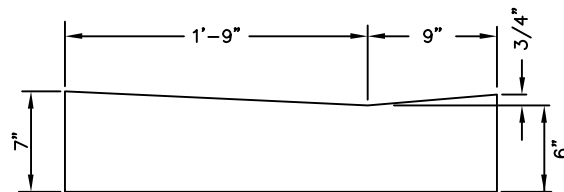
- USE THIS DETAIL ONLY UNDER THE FOLLOWING CIRCUMSTANCES:
 - 5-FOOT SIDEWALKS WITH CURB RADII GREATER THAN 35 FEET
 - 6-FOOT SIDEWALKS WITH CURB RADII GREATER THAN 30 FEET
 - 8-FOOT SIDEWALKS WITH CURB RADII GREATER THAN 25 FEET
- DIRECTIONAL RAMPS MAY BE USED WHEN A MIN. 8-FOOT PLANTING STRIP IS PROVIDED. DO NOT USE THIS DETAIL IF THERE IS HARDSCAPE INSTEAD OF A PLANTING STRIP.
- ALL CONCRETE SHALL BE AT LEAST 3600 PSI.
- THE ANGLES ON THE DETECTABLE WARNING WILL VARY WITH THE CURB RADIUS AND SIDEWALK WIDTH. IN THE CONFIGURATION SHOWN IN PLAN VIEW, ONE SIDE OF THE DETECTABLE WARNING TRAPEZOID SHALL BE LOCATED AT THE TOE OF THE 12:1 SLOPE, AND THE OTHER SIDE SHALL BE ALIGNED WITH THE CURB ON THE ACCESSIBLE RAMP.
- THE TRUNCATED DOME PATTERN MUST ALIGN WITH THE SIDEWALK TO ALLOW WHEELCHAIRS TO PASS FREELY. DO NOT ALIGN DOME PATTERN WITH THE CURB RADIUS.



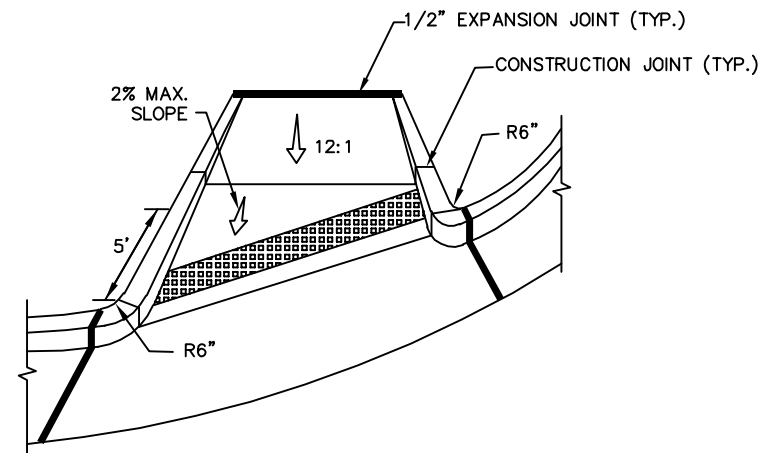
PLAN



SECTION A-A



CURB DETAIL



PERSPECTIVE

NOT TO SCALE

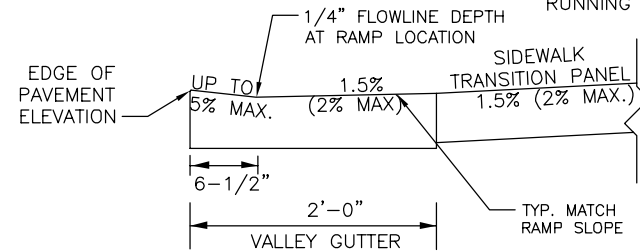
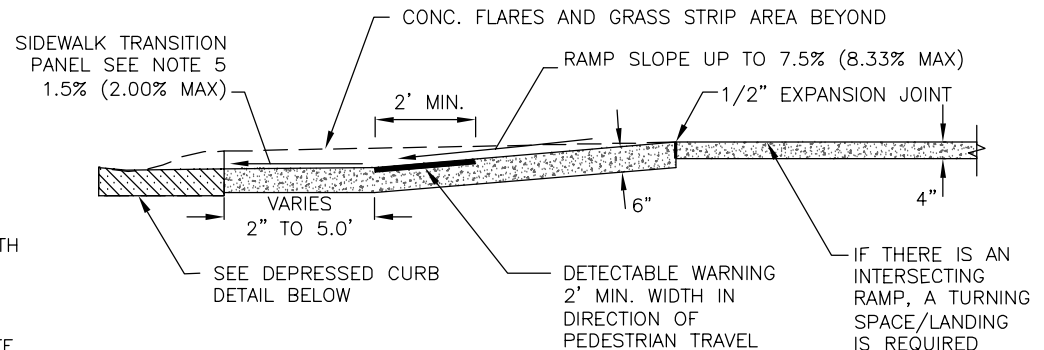
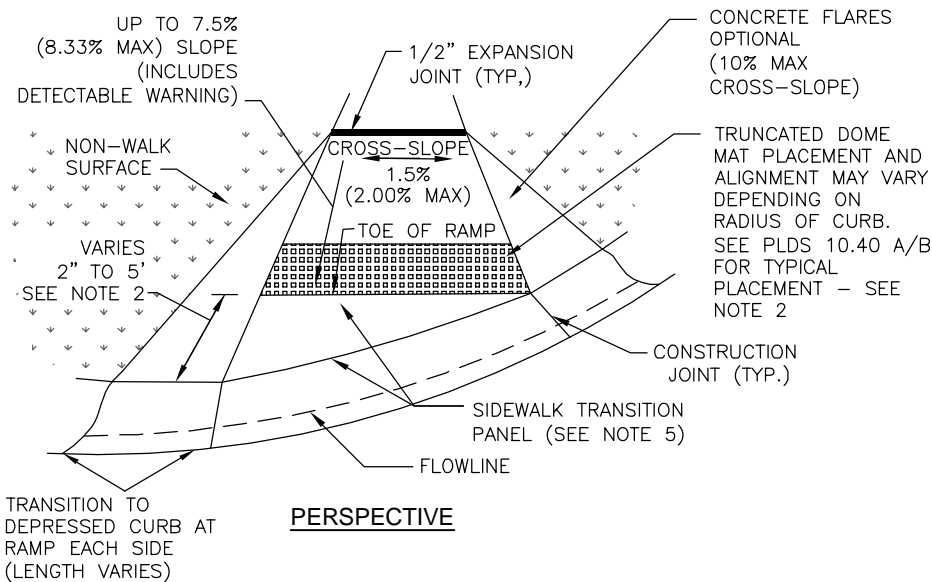
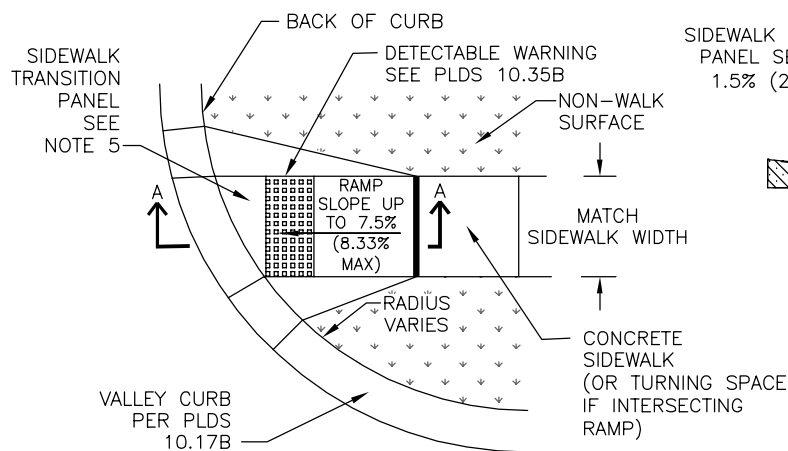


TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

DIRECTIONAL ACCESSIBLE RAMP
WITH LARGE CURB RADIUS

REV. DATE

STD. NO.	REV.
10.40B	1



MAXIMUM SLOPES FOR CURB AND GUTTER DEPRESSION AT RAMPS

NOTES:

- USE THIS DETAIL ONLY UNDER THE FOLLOWING CIRCUMSTANCES:
 - 5-FOOT SIDEWALKS WITH CURB RADII OF 35 FEET OR LESS
 - 6-FOOT SIDEWALKS WITH CURB RADII OF 30 FEET OR LESS
 - 8-FOOT SIDEWALKS WITH CURB RADII OF 25 FEET OR LESS
- IF CURB RADIUS EXCEEDS THOSE LISTED ABOVE, REFER TO PLDS 10.40B FOR DETECTABLE WARNING SURFACE MAT PLACEMENT.
- ALL CONCRETE SHALL BE AT LEAST 3600 PSI.
- ENSURE FLUSH CONDITIONS AT RAMP TO GUTTER TRANSITION.
- SIDEWALK TRANSITION PANEL: PREFERRED 1.5% (2.0% MAX) IN ALL DIRECTIONS IN FRONT OF GRADE BREAK AND DRAIN TO FLOW LINE. RUNNING SLOPE OF THIS AREA MUST NOT EXCEED 2%. CROSS-SLOPE MAY MATCH STREET GRADE AT BACK OF CURB WHEN STREET GRADE >2%. TRANSITION TO 1.5% (2.0% MAX) CROSS-SLOPE AT TOE OF RAMP.

NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

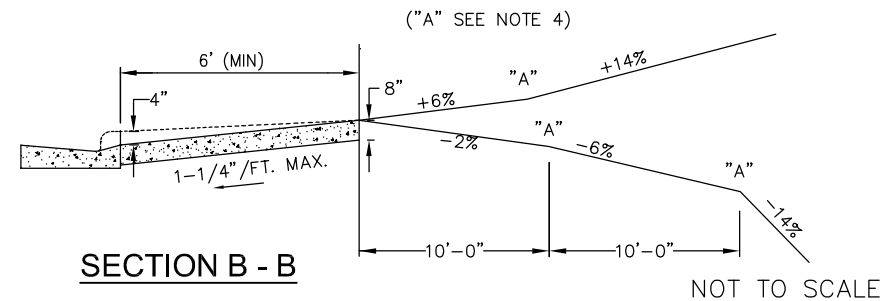
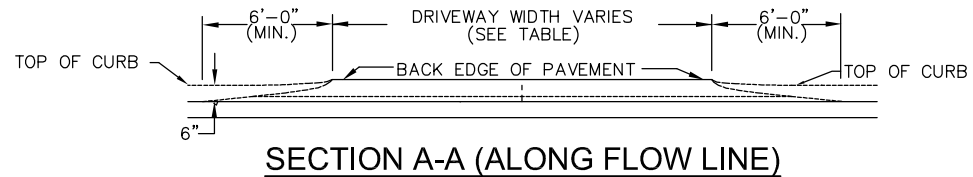
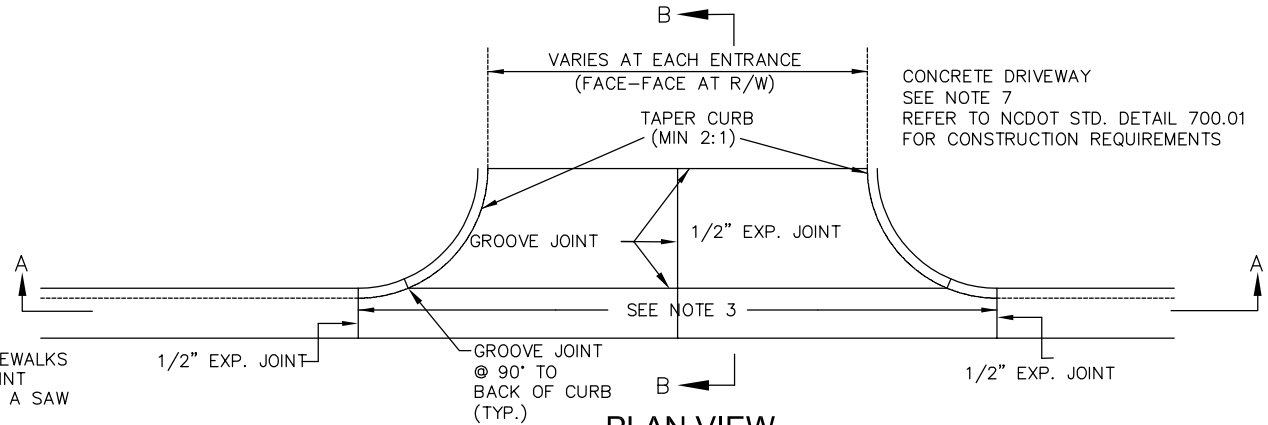
DIRECTIONAL CURB RAMP
WITH VALLEY GUTTER

REV. DATE	
8/1/19	
STD. NO.	REV.
10.40C	3

DRIVEWAY DIMENSIONS		
OPERATION/RADIUS	MINIMUM	MAXIMUM
ONE-WAY WITH 6-12 FT. RADII	20'	30'
ONE-WAY WITH 13+ FT. RADII	15'	25'
TWO-WAY WITH 6-12 FT. RADII	26'	50'
TWO-WAY WITH 13+ FT. RADII	22'	40'

NOTES:

1. ALL CONCRETE TO BE 4000 P.S.I.
2. ALL CURB OR CURB AND GUTTER AND SIDEWALKS ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE PLDS 10.17B FOR JOINT DETAIL.
3. ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
4. "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).
5. PRIOR APPROVAL IS REQUIRED BY TOWN ENGINEER ON GRADES EXCEEDING WHAT ARE SHOWN.
6. CONCRETE SHALL BE PLACED ON 8" ABC STONE WITH STONE AND SUBGRADE COMPACTED TO 95% DENSITY.
7. CONCRETE APRON AND DRIVEWAY SHALL BE PLACED ON 8" ABC STONE. CONCRETE DRIVEWAY SHALL EXTEND MINIMUM 75' FROM BACK OF APRON. SEE SECTION I.A AND I.D OF THE PLDS SPECIFICATIONS FOR COMPACTION REQUIREMENTS.
8. ANY PROPOSED VARIATIONS WILL BE REVIEWED ON A CASE BY CASE BASIS BY TOWN STAFF. AN ALTERNATE PAVEMENT DESIGN MAY BE REQUIRED BY THE TOWN BASED ON SPECIFIC PARAMETERS.



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

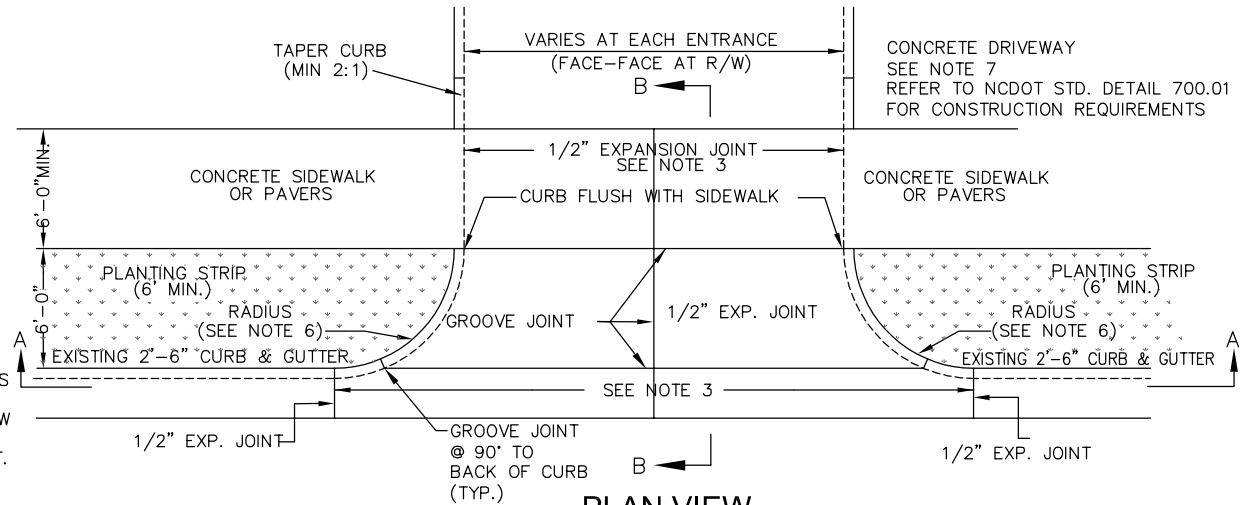
HEAVY INDUSTRIAL DRIVEWAY
WITHOUT PLANTING STRIP

REV. DATE	
2/29/20	
STD. NO.	REV.
10.41A	4

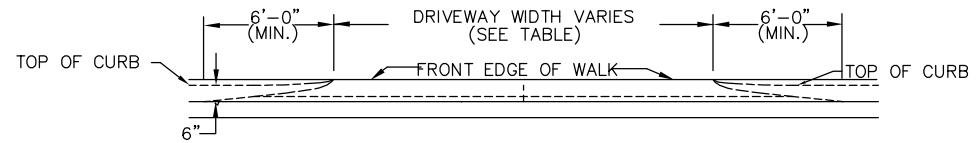
DRIVEWAY DIMENSIONS		
OPERATION/RADIUS	MINIMUM	MAXIMUM
ONE-WAY WITH 6-12 FT. RADII	20'	30'
ONE-WAY WITH 13+ FT. RADII	15'	25'
TWO-WAY WITH 6-12 FT. RADII	26'	50'
TWO-WAY WITH 13+ FT. RADII	22'	40'

NOTES:

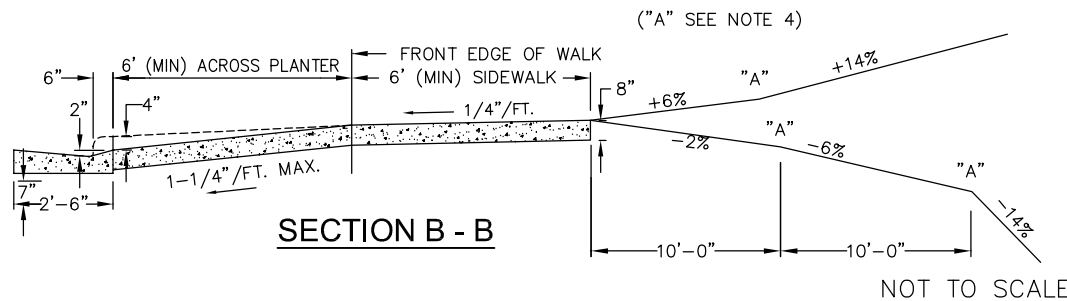
- ALL CONCRETE TO BE 4000 P.S.I.
- ALL CURB OR CURB AND GUTTER AND SIDEWALKS ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE PLDS 10.17B FOR JOINT DETAIL.
- ALL DRIVEWAYS MUST MEET THE CURRENT TOWN DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
- "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).
- PRIOR APPROVAL IS REQUIRED BY TOWN ENGINEER ON GRADES EXCEEDING WHAT ARE SHOWN.
- RADII MUST BE MINIMUM 6 FEET OR THE WIDTH OF THE PLANTING STRIP, WHICHEVER IS GREATER. RADII GREATER THAN THESE MINIMUMS MAY BE REQUIRED BY TOWN ENGINEER ON A CASE-BY-CASE BASIS. FOR RADII GREATER THAN 6 FEET, THE RADII ARE TO CONTINUE AS A BAND AT-GRADE THROUGH THE SIDEWALK.
- CONCRETE APRON AND DRIVEWAY SHALL BE PLACED ON 8" ABC STONE. CONCRETE DRIVEWAY SHALL EXTEND MINIMUM 75' FROM BACK OF APRON. SEE SECTION I.A AND I.D OF THE PLDS SPECIFICATIONS FOR COMPACTION REQUIREMENTS.
- PROPOSED VARIATIONS WILL BE REVIEWED ON A CASE BY CASE BASIS BY TOWN STAFF. AN ALTERNATIVE PAVEMENT DESIGN MAY BE REQUIRED BY THE TOWN BASED ON SPECIFIC PARAMETERS.



PLAN VIEW



SECTION A-A (ALONG FLOW LINE)



NOT TO SCALE

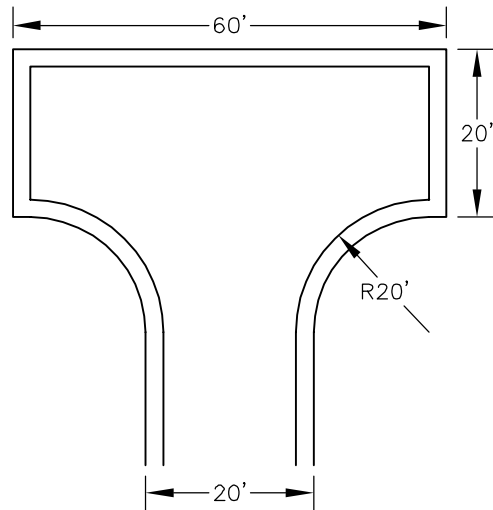


**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

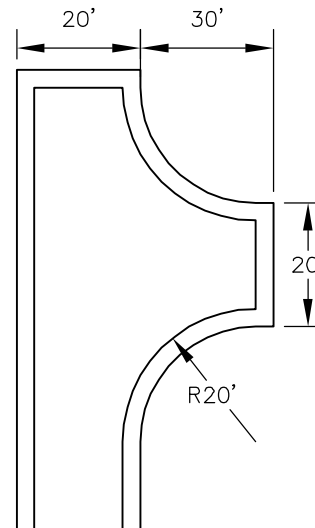
**HEAVY INDUSTRIAL DRIVEWAY
WITH PLANTING STRIP
(2'-6" STANDARD CURB)**

REV. DATE	
2/29/20	
STD. NO.	REV.
10.41B	4

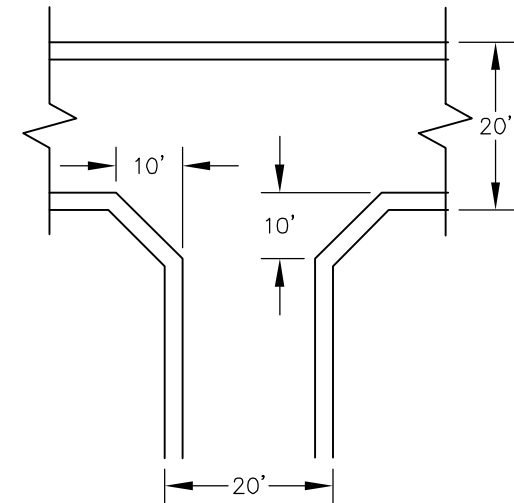
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STANDARD HAMMERHEAD



ROTATED HAMMERHEAD



STANDARD INTERSECTION

NOTES:

1. HAMMERHEAD DETAILS APPLY ONLY FOR TWO-WAY ALLEYS. ONE-WAY ALLEYS MUST CONNECT TO A PUBLIC STREET OR ANOTHER ALLEY.
2. FOR INTERSECTIONS WITH A LEAST ONE (1) ONE-WAY ALLEY, THE BACK-OF-CURB TO BACK-OF-CURB WIDTH CAN BE 16 FEET ON THE APPROPRIATE LEG(S) INSTEAD OF THE 20 FEET SHOWN.
3. OTHER INTERSECTION DESIGNS WILL BE APPROVED BY THE TOWN ON A CASE-BY-CASE BASIS.
4. THIS DETAIL DOES NOT ACCOMMODATE COMMERCIAL VEHICLES OR CHARLOTTE FIRE DEPARTMENT DESIGN FIRE TRUCK.
5. ADEQUATE STOPPING SIGHT DISTANCE (SSD) SHALL BE PROVIDED AT EACH INTERSECTION. MINIMUM SSD SHALL BE 50 FEET ASSUMING AN OPERATIONAL SPEED OF 10 MPH.

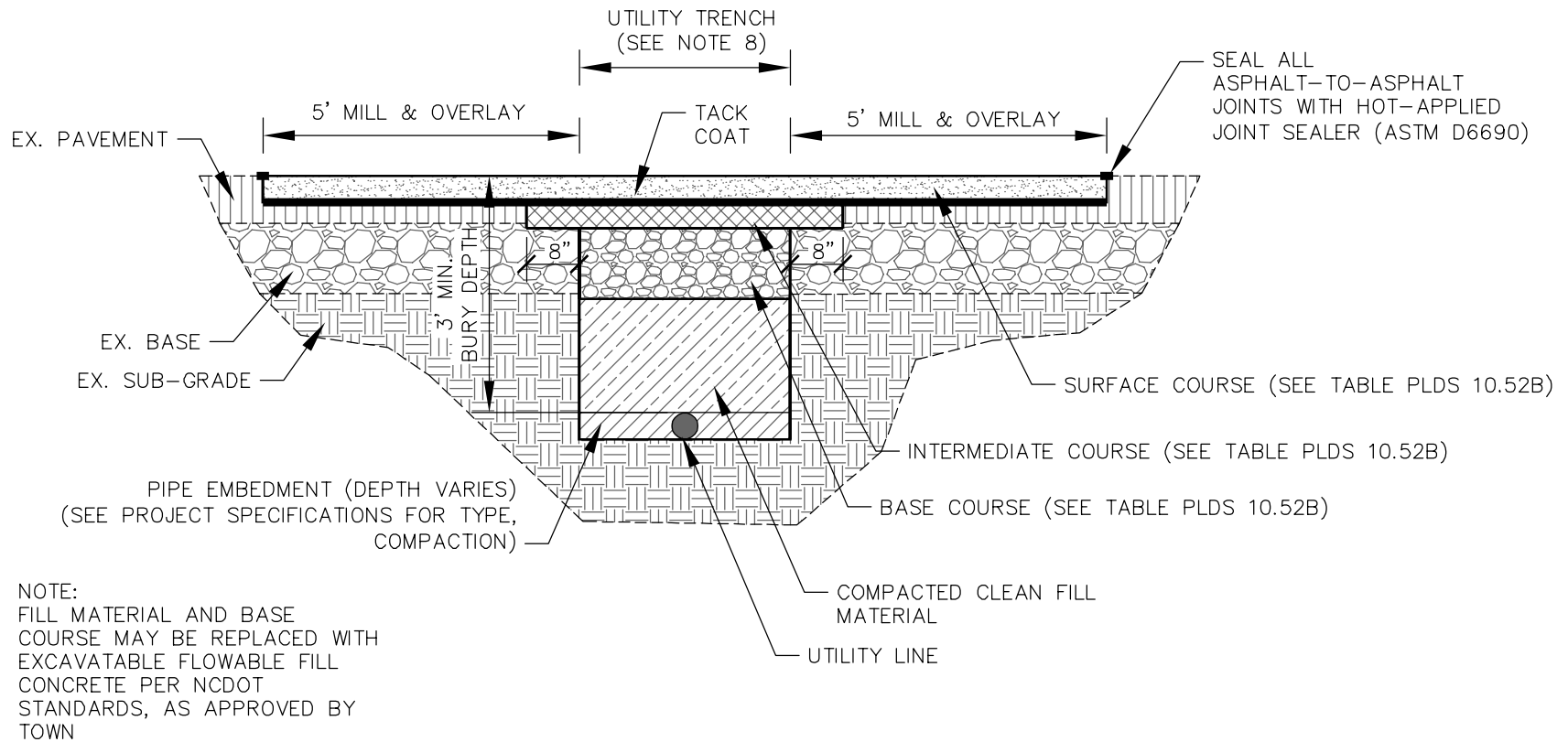
NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

RESIDENTIAL ALLEY
HAMMERHEADS AND
INTERSECTIONS

REV. DATE	
4/2/21	
STD. NO.	REV.
10.51	5



NOT TO SCALE



TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS

UTILITY STREET CUT REPAIR

REV. DATE	
2/28/23	
STD. NO.	REV.
10.52A	7

NOTES:

1. ALL WORK SHALL HAVE PRIOR APPROVAL FROM TOWN ENGINEER BEFORE BEGINNING.
2. EMERGENCY REPAIRS ARE PERMITTED WITHOUT PRIOR APPROVAL; NOTIFICATION MUST BE SENT TO TOWN ENGINEER WITHIN 24 HOURS OF BEGINNING EMERGENCY REPAIR. CONTACT chill@pinevillenc.gov OR 704-651-3339.
3. ALL WORK SHALL ADHERE TO THIS STANDARD (PLANNED AND EMERGENCY).
4. CONTRACTOR SHALL KEEP ROAD OPEN TO TRAFFIC DURING UTILITY WORK. NO ROAD CLOSURES PERMITTED WITHOUT PRIOR APPROVAL FROM TOWN ENGINEER.
5. FILL MATERIAL AND BASE COURSE COMPACTION SHALL BE VERIFIED BY A THIRD PARTY TESTING FIRM (AT CONTRACTOR'S/UTILITY'S EXPENSE). TESTS SHALL BE MINIMUM ONE (1) PER 100' OF TRENCH.
6. WET MATERIAL IS PROHIBITED FROM BEING USED FOR FILL MATERIAL.
7. SURFACE COURSE ASPHALT SHALL BE SMOOTH AND CONTIGUOUS WITH SURROUNDING ROADWAY SURFACE.
8. UTILITY TRENCH WIDTH SHALL BE WIDE ENOUGH TO ALLOW MECHANICAL COMPACTION AND PROOF ROLL INSPECTION.
9. DAMAGE TO SURROUNDING PAVEMENT SURFACE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR, PER CURRENT TOWN PAVEMENT SURFACE COURSE REPAIR STANDARD.

ROADWAY STRUCTURAL COURSE TABLE			
ROAD TYPE	BASE COURSE	INTERMEDIATE COURSE	SURFACE COURSE
ALL RESIDENTIAL	8" COMPACTED ABC	1 1/2" S9.5B	1 1/2" SF9.5B
MINOR ARTERIAL	8" B25.0C (2x LIFTS)	2 1/2" I19.0C	3" S9.5B (2x 1 1/2" LIFTS)
MAJOR ARTERIAL	10" B25.0C (2x LIFTS)	2 1/2" I19.0C	3" S9.5C (2x 1 1/2" LIFTS)
ALL COMMERCIAL/INDUSTRIAL	12" COMPACTED ABC	4" I19.0C	3" S9.5B (2x 1 1/2" LIFTS)

NOTE: CONTRACTOR SHALL VERIFY ROAD TYPE WITH TOWN ENGINEER



**TOWN OF PINEVILLE
LAND DEVELOPMENT
STANDARDS**

**UTILITY STREET CUT REPAIR
NOTES & TABLE**

REV. DATE	
2/28/23	
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