

WALLACE AVENUE ROAD IMPROVEMENTS

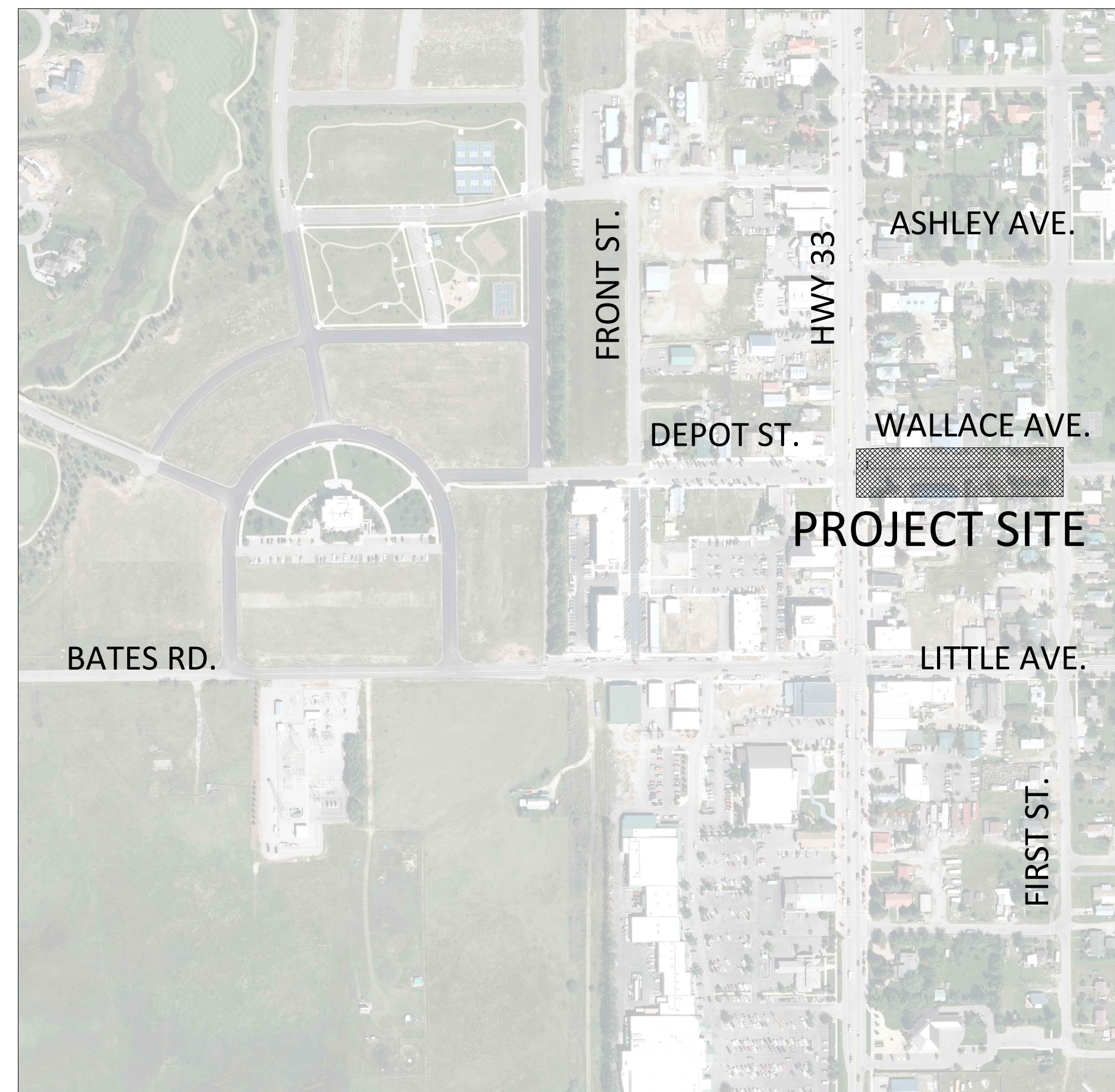
DRIGGS, IDAHO 83422

BID SET

APRIL 2, 2024

SHEET LIST:

- C-1 COVER SHEET
- C-2 EXISTING CONDITIONS
- C-3 DEMOLITION PLAN
- C-4 STRIPING AND SIGNAGE PLAN
- C-5 UTILITY PLAN
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- C-7 DETAILS
- C-8 DETAILS



VICINITY MAP

NOT TO SCALE

CONTACT LIST:

OWNER/ENGINEER:

CITY OF DRIGGS

PO BOX 48

DRIGGS, ID 83422

CONTACT: JAY T. MAZALEWSKI, PE

208-354-2362 EXT 2115

FALL RIVER RURAL ELECTRIC:

208-354-2377

SILVERSTAR COMMUNICATIONS:

208-354-3300



CITY OF DRIGGS
PUBLIC WORKS
DEPARTMENT
235 S. 5TH STREET
DRIGGS, IDAHO



COVER SHEET
WALLACE AVE ROAD IMPROVEMENTS
CITY OF DRIGGS, IDAHO 83422

DESIGNED BY: JTM
DATE: 04/02/2024
REVISION

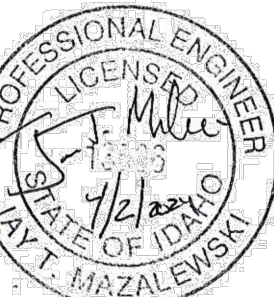
SCALE:
AS SHOWN

CALL BEFORE YOUR DIG
1-800-342-1585

C1



CITY OF DRIGGS
PUBLIC WORKS
DEPARTMENT
235 S. 5TH STREET
DRIGGS, IDAHO

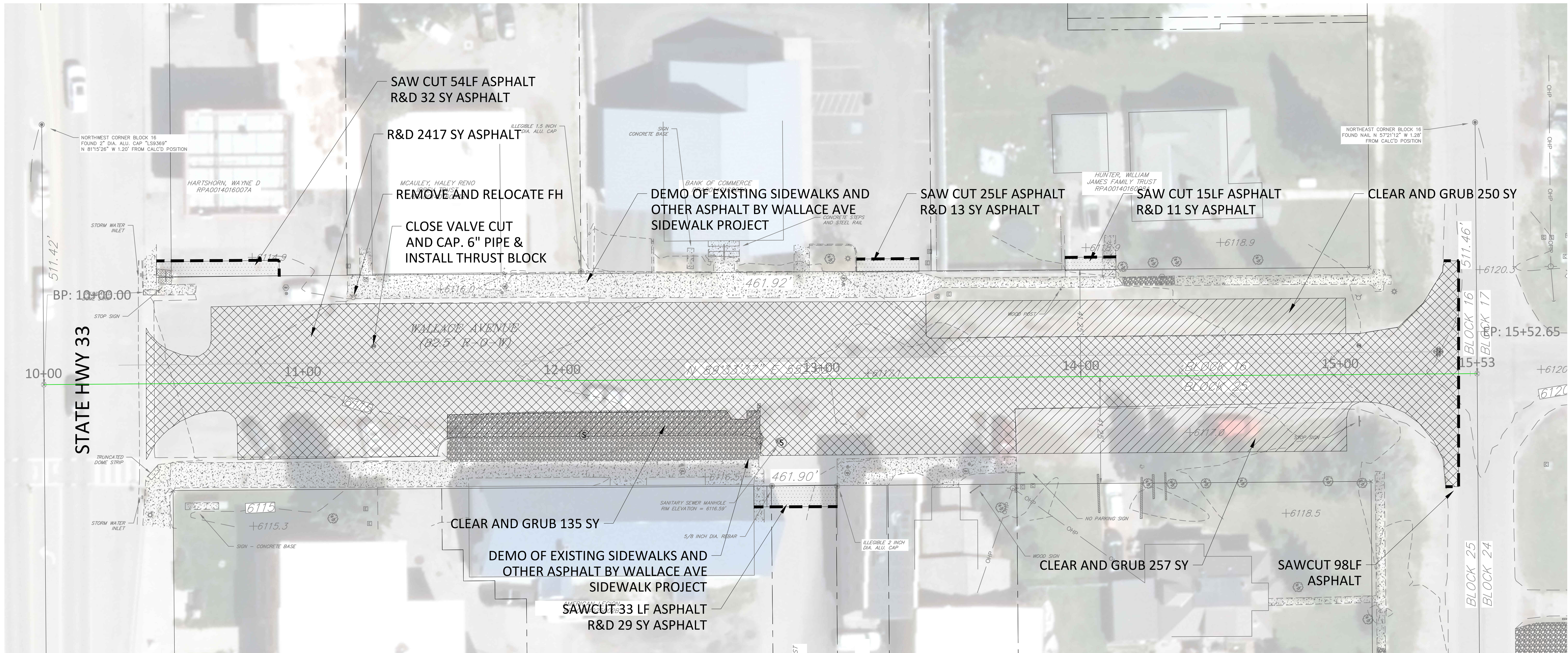


DEMOLITION PLAN
WALLACE AVE ROAD IMPROVEMENTS
CITY OF DRIGGS, IDAHO 83422

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C3

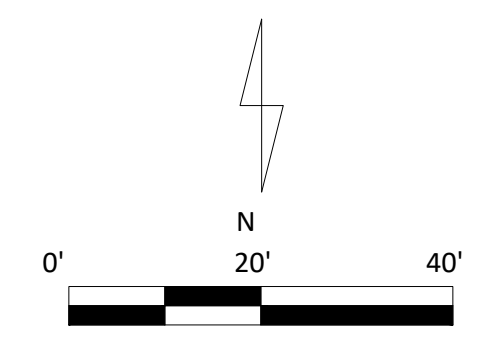


LEGEND:

- SAWCUT ASPHALT
- CLEAR AND GRUB GRAVEL/TOPSOIL
- ▣ REMOVE ASPHALT
- X REMOVE
- R&R REMOVE AND REPLACE
- R&D REMOVE AND DISPOSE

DEMOLITION NOTES:

1. ALL MATERIALS FROM DEMOLITION SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR UNLESS APPROVED OR SPECIFIED FOR RE-USE BY THE CITY REPRESENTATIVE.
2. ALL MATERIALS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN A PROPER AND LEGAL MANNER PER FEDERAL, STATE AND LOCAL ORDINANCES AND REGULATIONS.
3. IF ANY HAZARDOUS MATERIALS ARE ENCOUNTERED, THE CITY SHALL BE NOTIFIED IMMEDIATELY. THOSE MATERIALS SHALL BE REMOVED AND DISPOSED OF IN A MANNER AS APPROVED BY ALL GOVERNING AGENCIES.
4. ALL FACILITIES TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGE DURING CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION OR BETTER BY THE CONTRACTOR AT NO ADDITIONAL COST.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROTECTED ACCESS TO ALL ADJACENT PROPERTIES.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING VEHICLE AND PEDESTRIAN TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL PLAN SHALL BE SUBMITTED FOR APPROVAL.
7. CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND COORDINATE UTILITY RE-LOCATIONS WITH UTILITY PROVIDERS.
8. SAWCUT AND PROTECT EDGES PAVED AREAS WITH A CLEAN, NEAT STRAIGHT LINE.
9. CONTRACTOR TO COORDINATE DEMOLITION ACTIVITIES WITH WALLACE AVE SIDEWALK PROJECT.
10. ASPHALT AND CONCRETE TO BE DISPOSED OF BY CONTRACTOR.
11. GRUBBING AND EXCAVATE TO BE DISPOSED OF AT CITY YARD (235 S. 5TH STREET)





CITY OF DRIGGS
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DEPARTMENT
235 S. 5TH STREET
DRIGGS, IDAHO

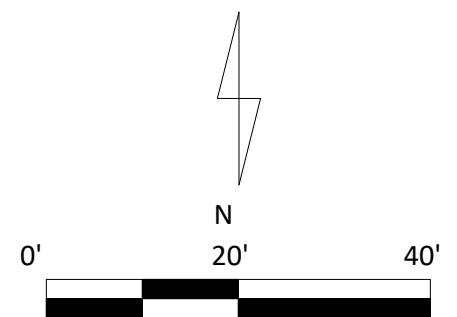
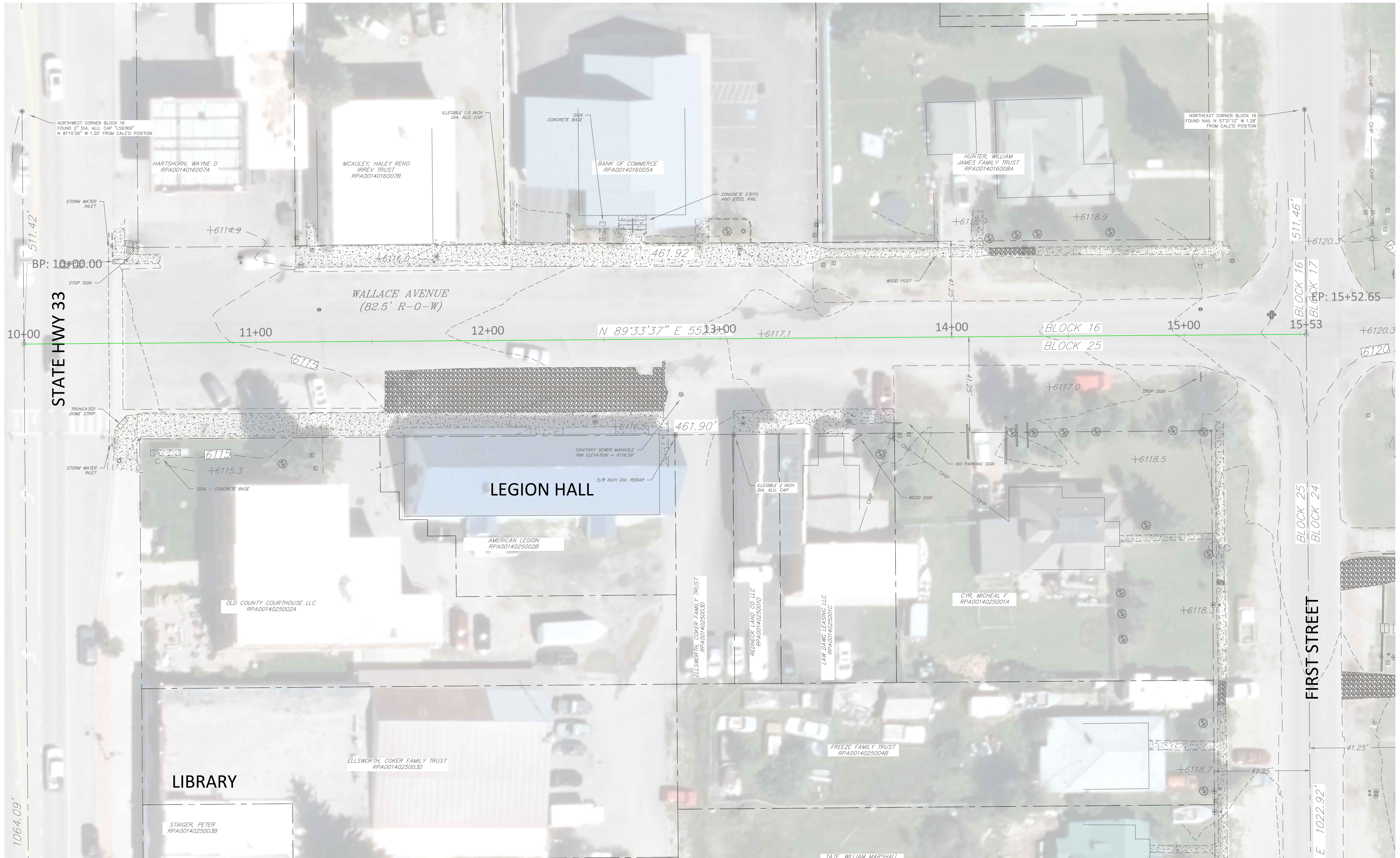


EXISTING CONDITIONS
WALLACE AVE ROAD IMPROVEMENTS
CITY OF DRIGGS, IDAHO 83422

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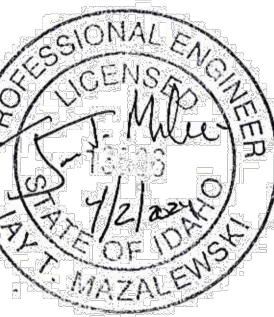
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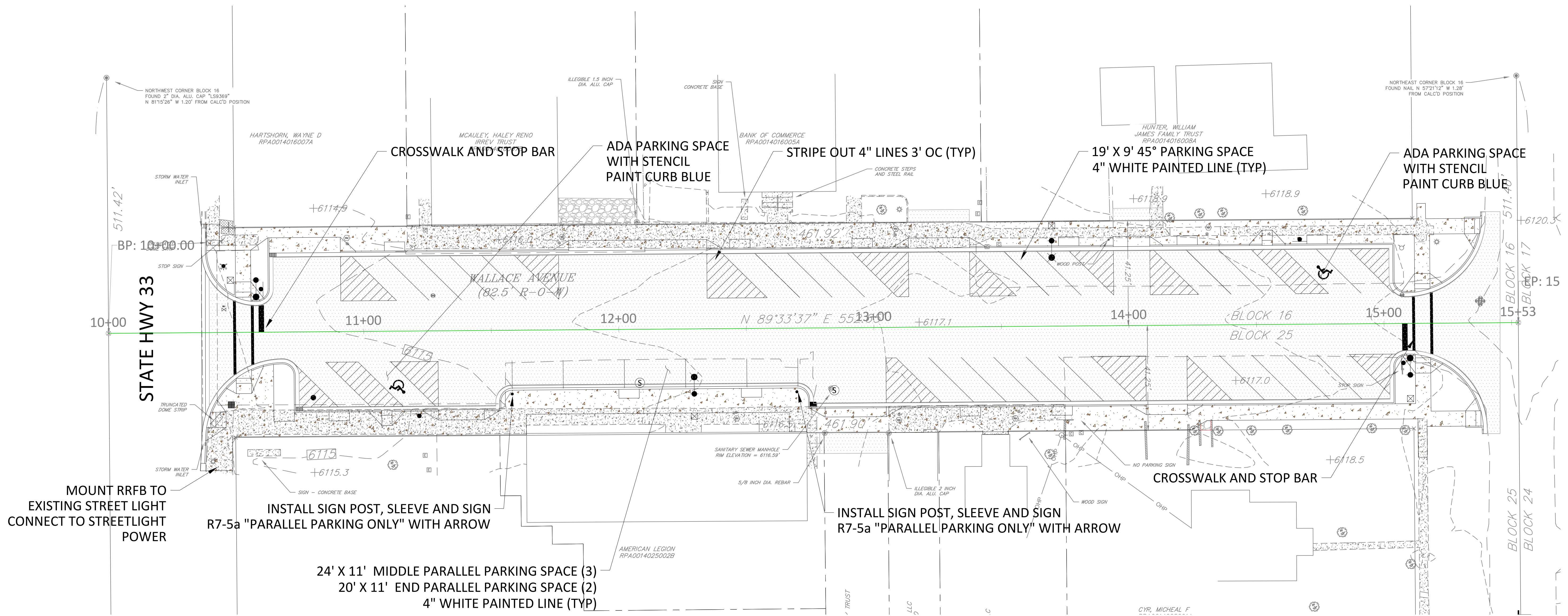




CITY OF DRIGGS
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235 S. 5TH STREET
DRIGGS, IDAHO

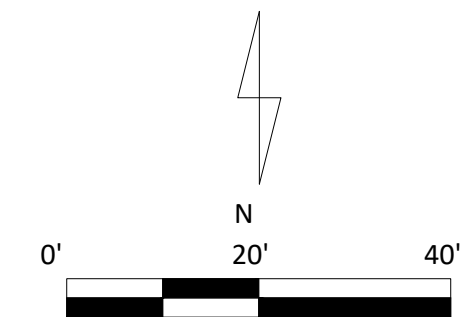
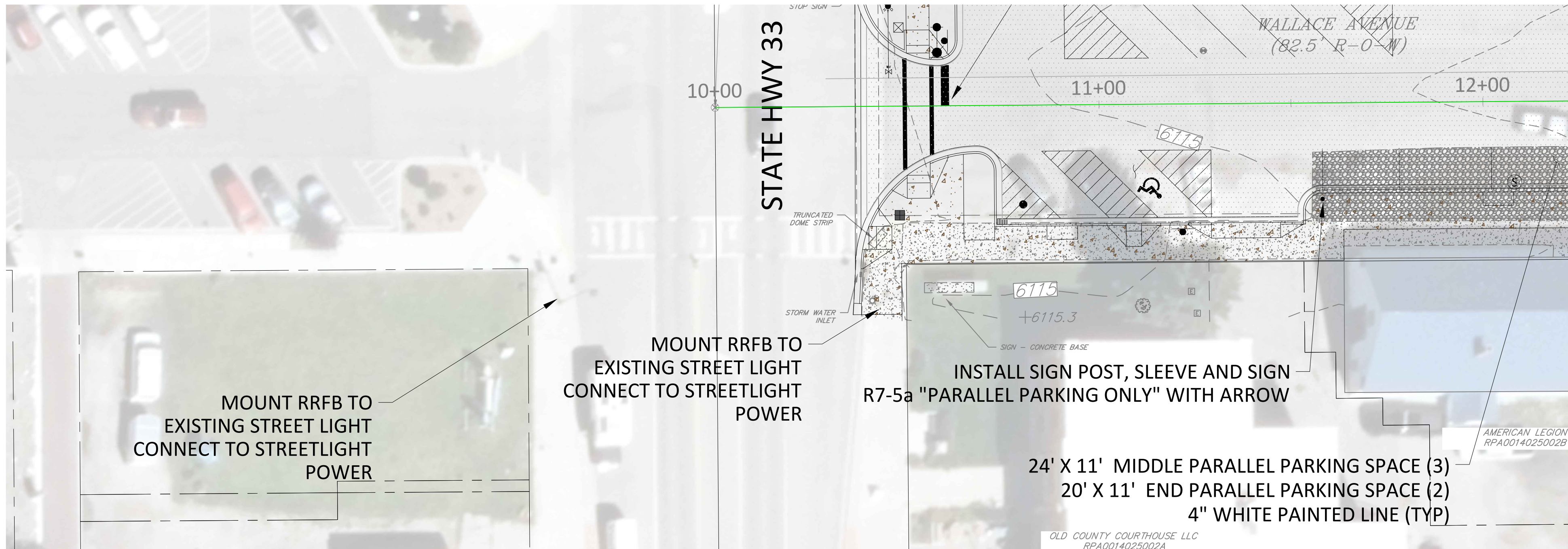


STRIPING AND SIGNAGE PLAN
WALLACE AVE ROAD IMPROVEMENTS
CITY OF DRIGGS, IDAHO 83422



STRIPING AND SIGNAGE NOTES:

1. ALL SIGNS SHALL BE A MINIMUM OF 7' FROM BOTTOM OF SIGN TO SIDEWALK.
2. CONTRACTOR TO COORDINATE STRIPING AND SIGN INSTALLATION ACTIVITIES WITH WALLACE AVE SIDEWALK PROJECT.
3. CITY TO PROVIDE RRFB CROSSWALK BEACON, CONTRACTOR TO INSTALL AND CONNECT TO EXISTING STREETLIGHT POWER.



C4

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DEPARTMENT
235 S. 5TH STREET
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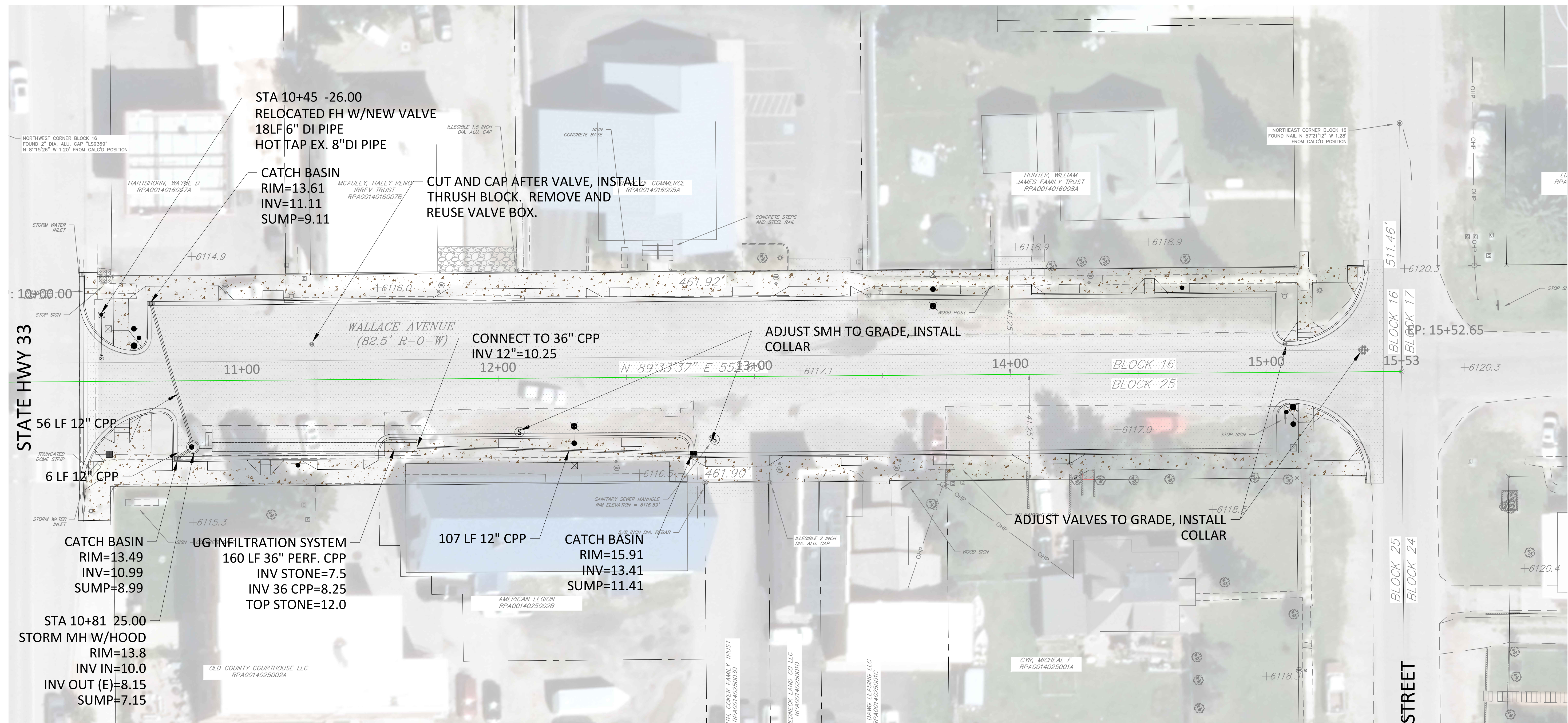


UTILITY PLAN
WALLACE AVE ROAD IMPROVEMENTS
CITY OF DRIGGS, IDAHO 83422

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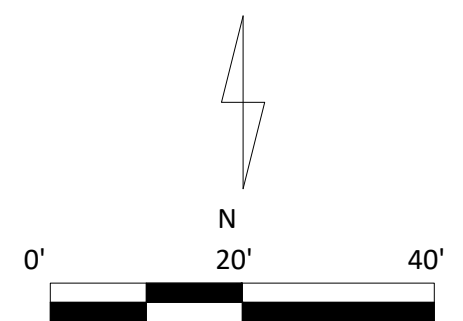


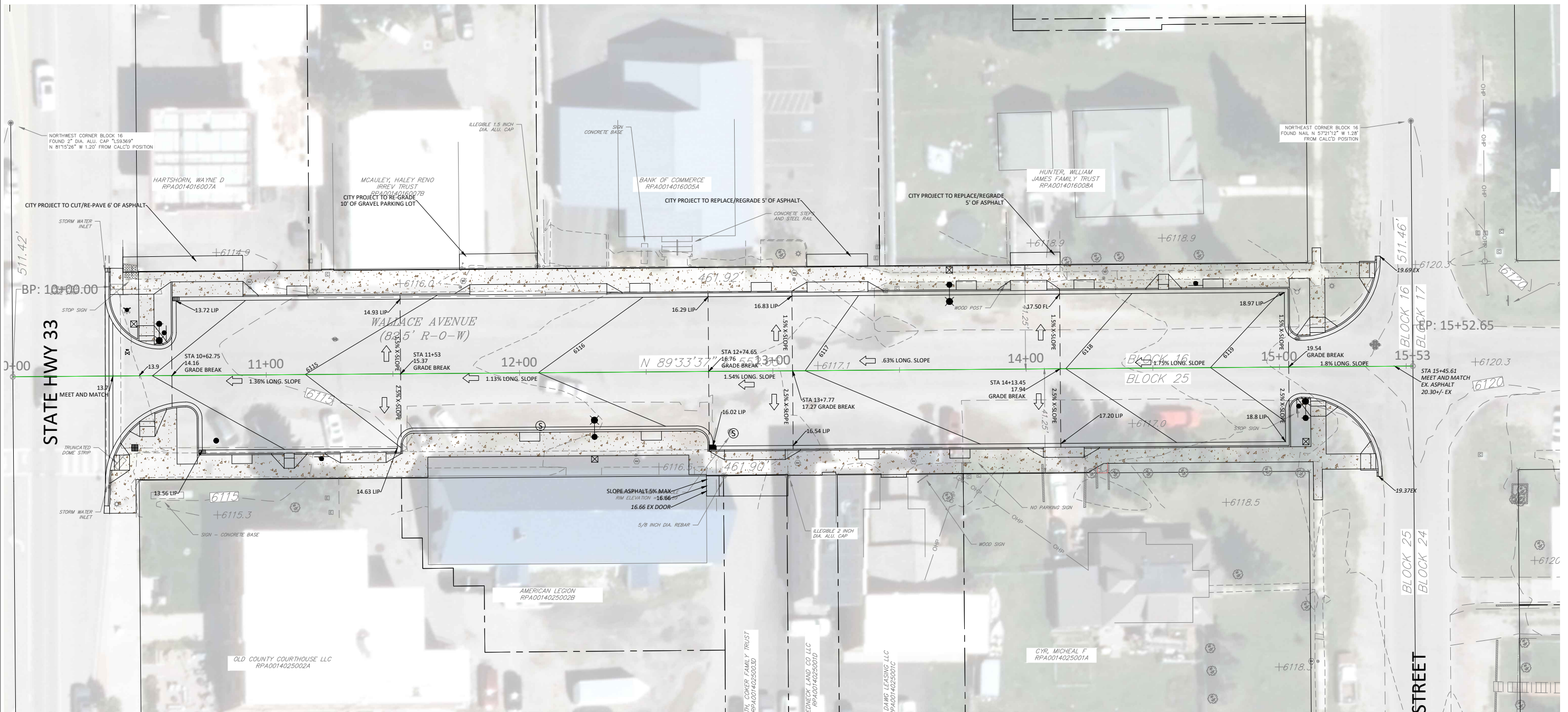
LEGEND:

- STREET LIGHT (BY OTHERS)
- STORM DRAIN MANHOLE
- STORM DRAIN PIPING
- CATCH BASIN
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED CONCRETE (BY OTHERS)
- PROPOSED ASPHALT

UTILITY NOTES:

1. ALL UTILITY WORK SHALL BE IN ACCORDANCE WITH CITY OF DRIGGS PUBLIC WORKS STANDARDS AND TECHNICAL SPECIFICATIONS, LATEST EDITION.
2. ADJUST ALL SURFACE UTILITY STRUCTURES TO FINISHED GRADE.
3. CONTRACTOR SHALL COORDINATE WITH FALL RIVER RURAL ELECTRIC.
4. CONTRACTOR SHALL COORDINATE WORK WITH UTILITY WORK BY OTHERS.
5. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICIAN AND IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL CODES.
6. ALL LIGHT FOUNDATIONS TO BE FLUSH WITH CONCRETE/LANDSCAPING.
7. CONTRACTOR TO COORDINATE UTILITY ACTIVITIES WITH WALLACE AVE SIDEWALK PROJECT.





LEGEND:

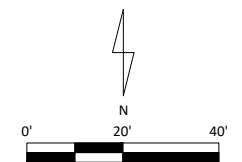
- X 109.1 PROPOSED SPOT ELEVATION
- FL FLOW LINE
- TC TOP OF CURB
- BW BACK OF WALK
- FLOW DIRECTION
- [Pattern] NEW ASPHALT
- [Pattern] NEW CONCRETE (BY OTHERS)
- [Symbol] VERTICAL CURB "CATCH" (BY OTHERS)

GRADING NOTES:

1. SEE EXISTING CONDITIONS PLAN FOR BENCHMARK AND EXISTING ELEVATION INFORMATION.
2. ALL UTILITY WORK SHALL BE IN ACCORDANCE WITH CITY OF DRIGGS PUBLIC WORKS STANDARDS AND TECHNICAL SPECIFICATIONS, LATEST EDITION.
3. ALL ORGANIC/UNSUITABLE MATERIALS SHALL BE REMOVED FROM AREAS OF FILL.
4. CONTRACTOR SHALL EXAMINE THE DRAWINGS AND NOTIFY THE OWNER OF ANY DISCREPANCIES OR CONFLICT BEFORE PROCEEDING.
5. THE CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR THE TEMPORARY ERECTION OF BRACING AND SHORING AS REQUIRED FOR STABILITY OF EXCAVATION DURING ALL PHASES OF CONSTRUCTION.
6. THE CONTRACTOR SHALL MAINTAIN CLEAN CONSTRUCTION AREAS. ALL DEBRIS, RUBBISH, AND TRASH MUST BE REMOVED FROM THE SITE AND LAWFULLY DISPOSED.
7. ACCESS SHALL REMAIN OPEN TO BUSINESSES AND RESIDENTS DURING CONSTRUCTION.
8. THE CONSTRUCTION WORK ZONE SHALL BE CLEARED OF ALL GRASSES, SHRUBS, TREES, AND ROOT. TOPSOIL SHALL BE STOCKPILE FOR RE-USE ON FILL SLOPES AND DISTURBED AREAS.
9. THE PROJECT AREA DISTURBS LESS THAN ONE ACRE, THEREFORE NO NPDES PERMIT IS REQUIRED.
10. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT ALL ROADS, SIDEWALKS, CURBING, TREES, LANDSCAPING, BUILDINGS, AND OTHER EXISTING FEATURES. IF DAMAGES OCCUR, THE CONTRACTOR SHALL REPAIR OR REPLACE AS DIRECTED BY THE OWNER.
11. CLEAN EXCAVATED MATERIAL WITHOUT TRASH, ASPHALT OR CONCRETE TO BE HAULED AND DISPOSED OF AT CITY OWNED PROPERTY (235 S. 5TH STREET, DRIGGS IDAHO).

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CITY OF DRIGGS
PUBLIC WORKS
DEPARTMENT
235 S. 5TH STREET
DRIGGS, IDAHO



WALLACE AVE ROAD IMPROVEMENTS
 CITY OF DRIGGS, IDAHO 83422
 DETAILS

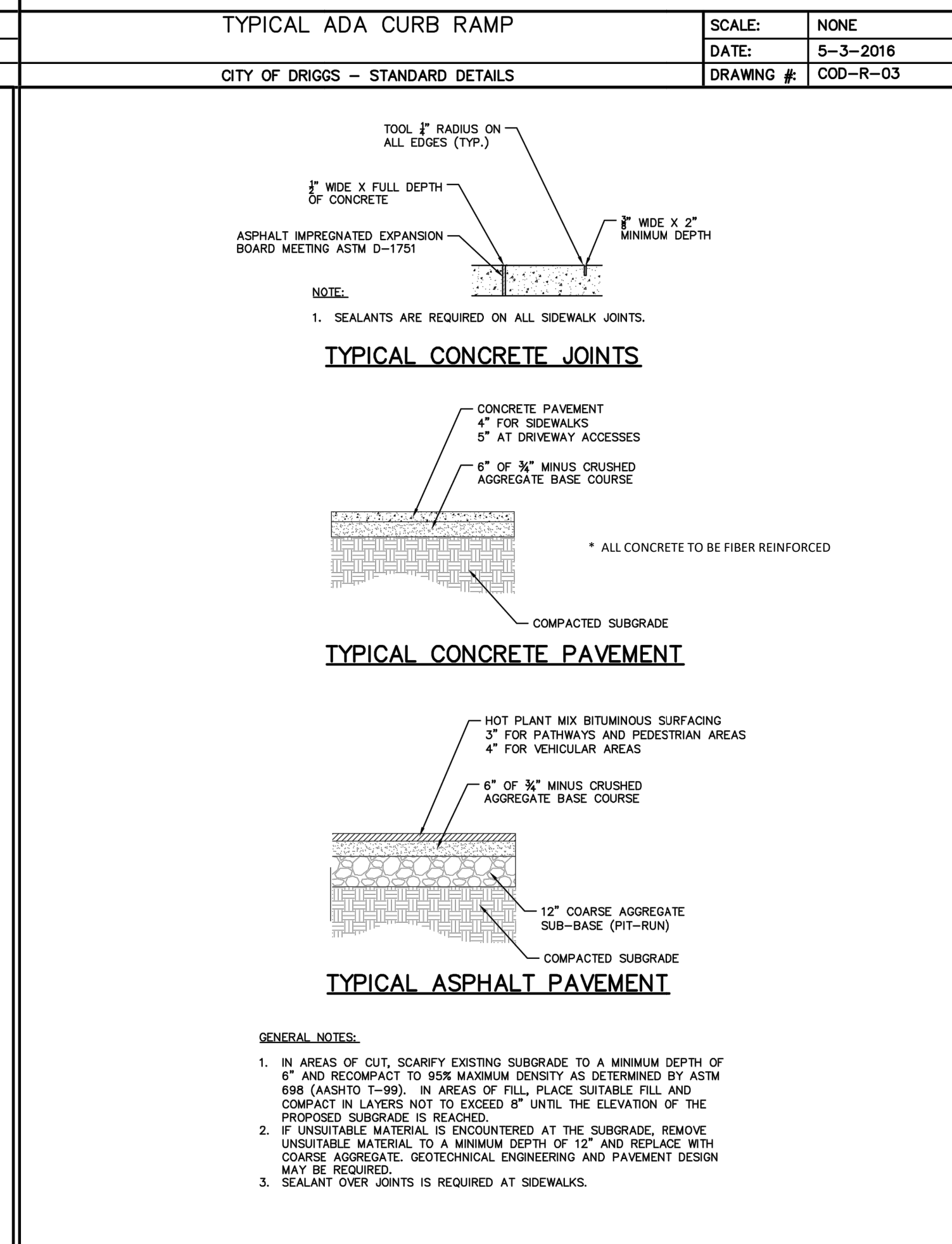
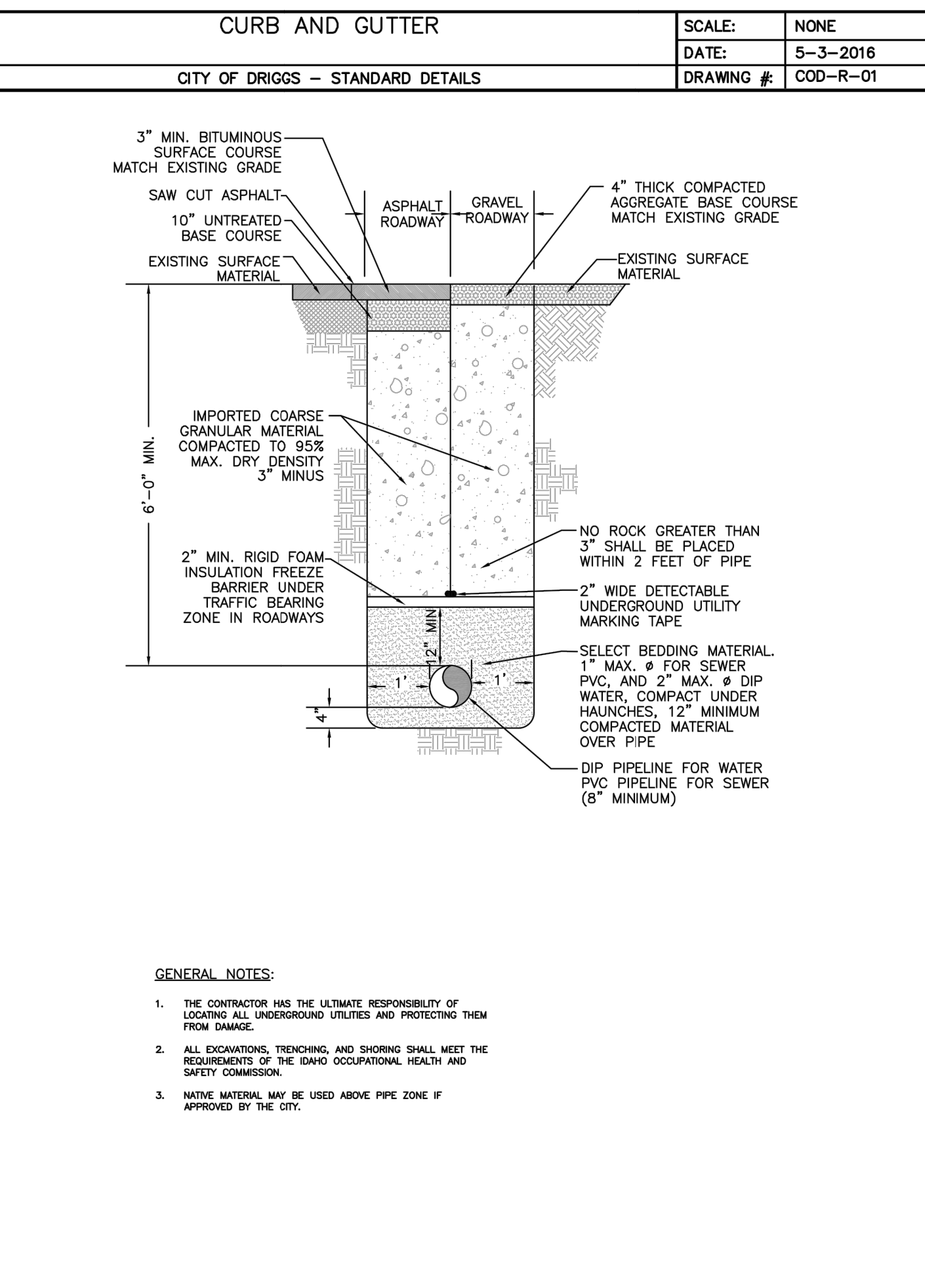
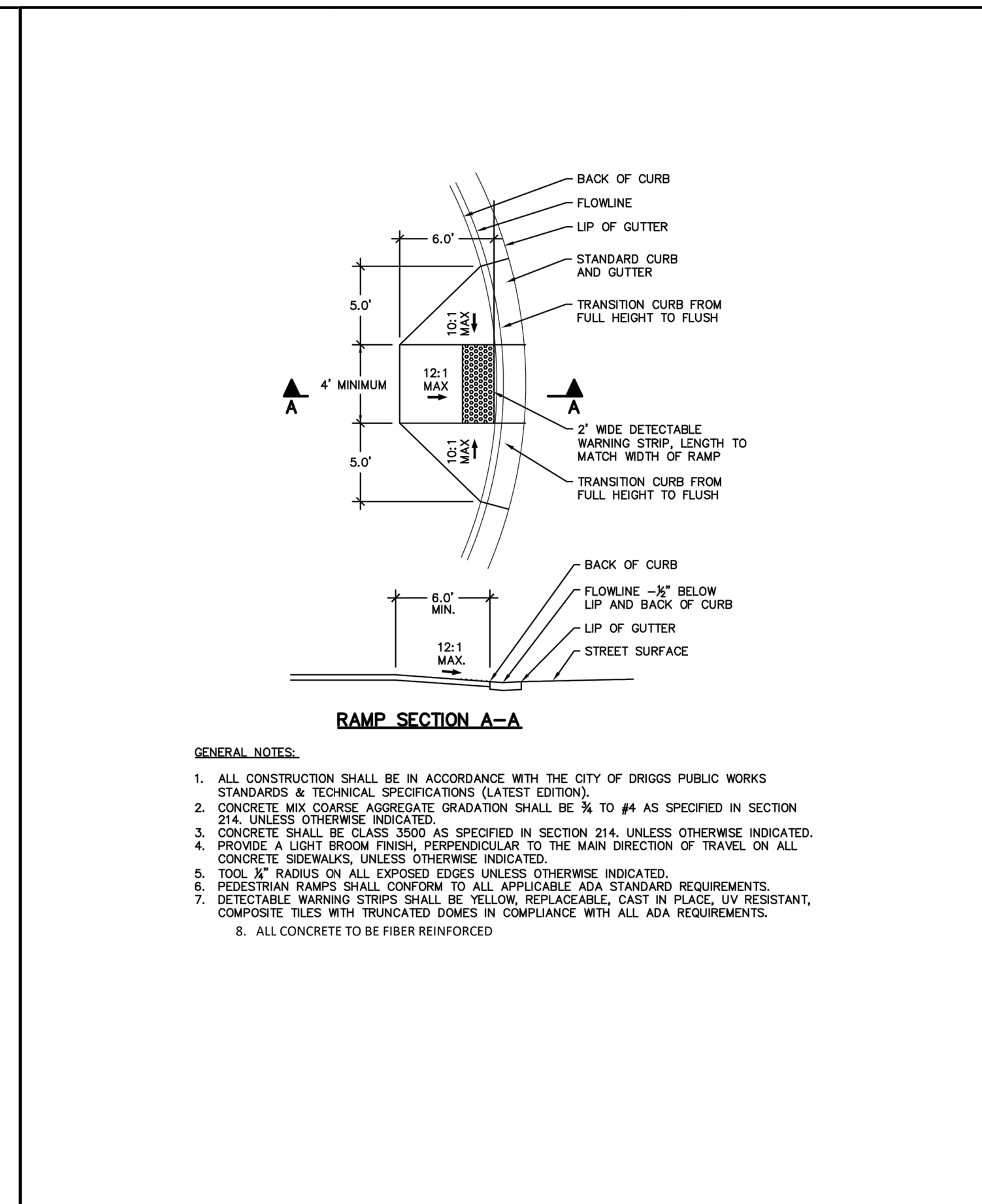
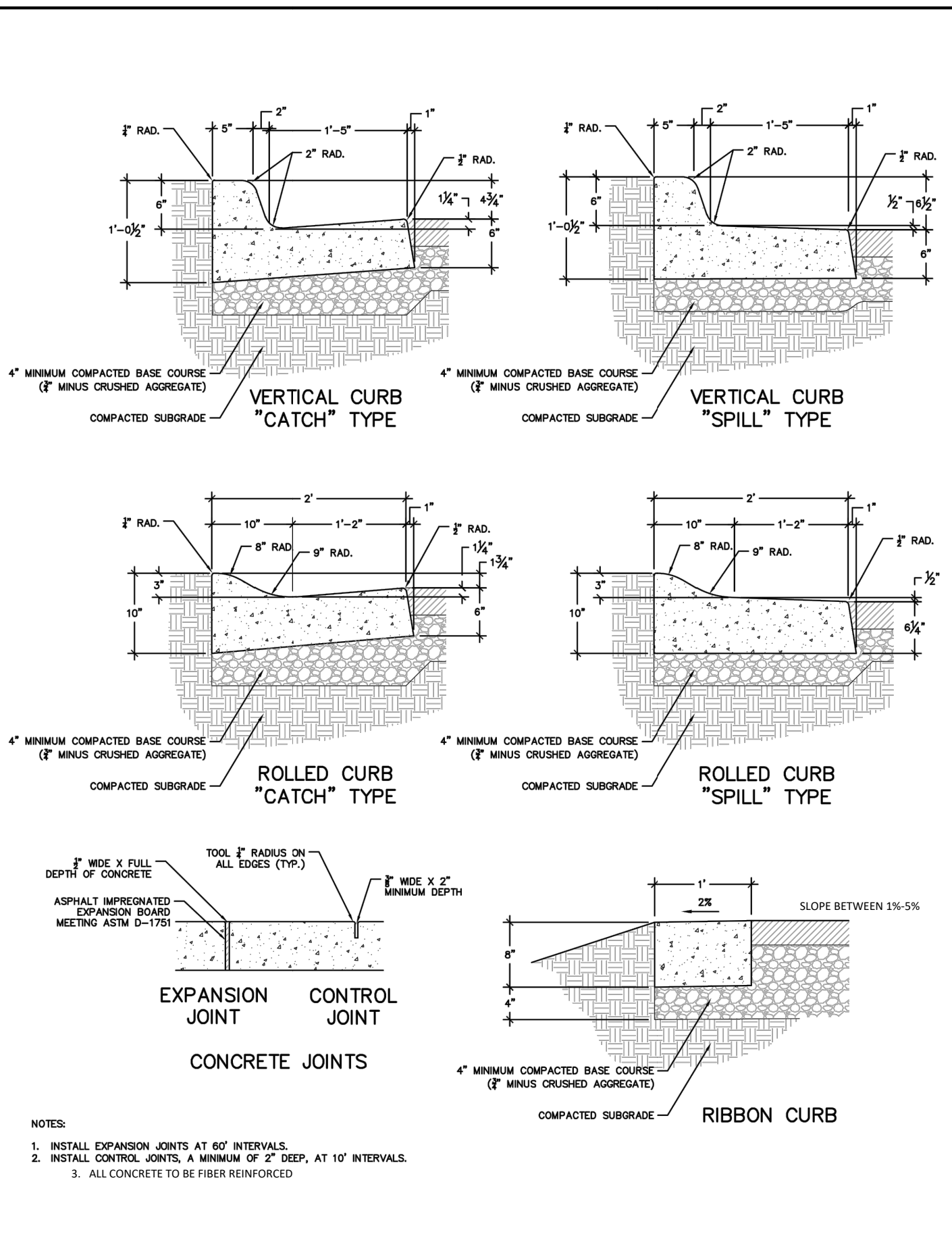
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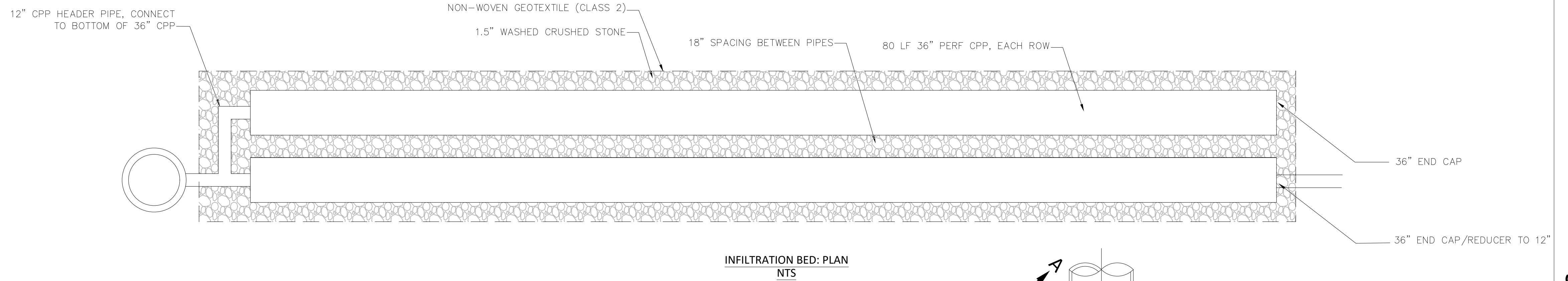
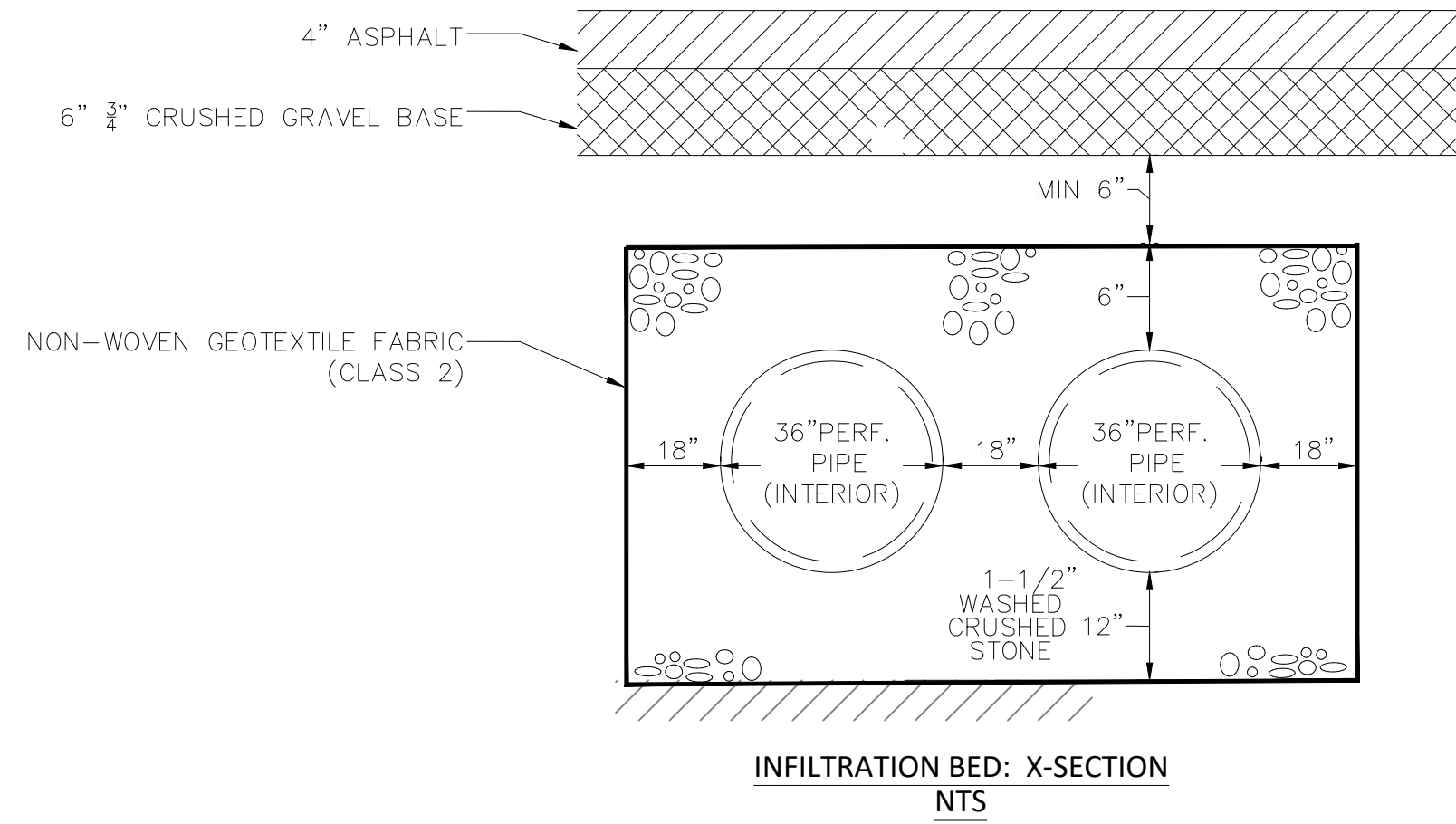
GENERAL NOTES:

- CONTRACTOR SHALL CALL "IDAHO DIG LINE" AT 1-800-345-1585 A MINIMUM OF 72 HOURS PRIOR TO BEGINNING AND CONSTRUCTION ACTIVITIES.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THE APPROXIMATE AREA ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR IS RESPONSIBLE FOR DAMAGES WHICH OCCUR FOR FAILURE TO LOCATE AND PRESERVE UNDERGROUND UTILITIES.
- SEE EXISTING CONDITIONS PLAN FOR BENCHMARK AND EXISTING ELEVATION INFORMATION.
- CONTRACTOR SHALL EXAMINE THE DRAWINGS AND NOTIFY THE OWNER OF ANY DISCREPANCIES OR CONFLICT BEFORE PROCEEDING.
- THE CONTRACTOR SHALL HIRE A MATERIALS TESTING FIRM TO PROVIDE ALL TESTING NECESSARY TO COMPLY WITH THE SPECIFICATIONS. TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER AND OWNER.
- ALL CONTRACTORS WORKING WITHIN THE PROJECT SITE ARE RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE SAFETY LAWS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAKING ALL NECESSARY ARRANGEMENTS FOR PERFORMING WORK INVOLVING UTILITIES (WATER, SEWER, ELECTRIC, COMMUNICATIONS, ECT.) SYSTEM THAT MAY BE AFFECTED. CONTRACTOR SHALL NOTIFY APPROPRIATE UTILITY AGENCIES A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN AN APPROVED SET OF PLANS AND SPECIFICATIONS ON-SITE.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN A SET OF CONSTRUCTION DRAWING AT THE JOB SITE AT ALL TIMES. CONTRACTOR SHALL RECORD ACTUAL MEASUREMENTS ON THE CONSTRUCTION SET FOR THE PURPOSE OF PREPARING "AS-BUILT" OR "RECORD" DRAWINGS. WITHIN TWO WEEKS OF COMPLETION, CONTRACTOR SHALL SUBMIT A SET OF AS-BUILT PLANS.
- ALL WORK SHALL BE IN ACCORDANCE WITH CITY OF DRIGGS PUBLIC WORKS STANDARDS AND TECHNICAL SPECIFICATIONS, LATEST EDITION.
- THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS.
- THE CONTRACTOR SHALL HOLD A VALID IDAHO PUBLIC WORKS LICENSE PRIOR TO THE BEGINNING OF CONSTRUCTION.
- ALL STRIPING AND SIGNAGE, INCLUDING TEMPORARY SIGNAGE, MUST CONFORM TO THE LATEST EDITION OF THE MUTCD.
- THE CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR THE TEMPORARY ERECTION OF BRACING AND SHORING AS REQUIRED FOR STABILITY OF EXCAVATION DURING ALL PHASES OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR BARRICADES, SAFETY DEVICES, AND TRAFFIC CONTROL WITHIN THE PROJECT AREA.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ALL FLAGGING, BARRICADES AND TRAFFIC CONTROL AS MAY BE NECESSARY TO ENSURE SAFETY TO THE GENERAL PUBLIC DURING CONSTRUCTION. A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED AND APPROVED PRIOR TO CONSTRUCTION.
- ALL ORGANIC/UNSUITABLE MATERIALS SHALL BE REMOVED FROM AREAS OF FILL.
- THE CONTRACTOR SHALL MAINTAIN CLEAN CONSTRUCTION AREAS. ALL DEBRIS, RUBBISH, AND TRASH MUST BE REMOVED FROM THE SITE AND LAWFULLY DISPOSED.
- ACCESS SHALL REMAIN OPEN TO BUSINESSES AND RESIDENTS DURING CONSTRUCTION.
- THE CONSTRUCTION WORK ZONE SHALL BE CLEARED OF ALL GRASSES, SHRUBS, TREES, AND ROOT. TOPSOIL SHALL BE STOCKPILE FOR RE-USE ON FILL SLOPES AND DISTURBED AREAS.
- THE PROJECT AREA DISTURBS LESS THAN ONE ACRE, THEREFORE NO NPDES PERMIT IS REQUIRED.
- THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT ALL ROADS, SIDEWALKS, CURBING, TREES, LANDSCAPING, BUILDINGS, AND OTHER EXISTING FEATURES. IF DAMAGES OCCUR, THE CONTRACTOR SHALL REPAIR OR REPLACE AS DIRECTED BY THE OWNER. IT IS RECOMMENDED THE CONTRACTOR SUBMIT PHOTOS OR VIDEO DOCUMENTING EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION
- MISCELLANEOUS SMALL STRUCTURES SUCH AS FENCING, MAILBOXES, SIGNS, ECT. WHEN NECESSARY TO REMOVE OR DISTURB SHALL BE REPLACED OR RECONSTRUCTED TO AN EQUAL OR BETTER THAN EXISTING CONDITION, AT THE CONTRACTORS EXPENSE.
- WHEN DIFFERENCES BETWEEN DRAWING AND SPECIFICATIONS OCCUR, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. UNTIMELY NOTIFICATION MAY NEGATE ANY CONTRACTORS CLAIM FOR ADDITIONAL COMPENSATIONS.
- THE CONTRACTOR SHALL COORDINATE ALL INSPECTIONS WITH THE ENGINEER AND OWNER.
- ACCEPTANCE OF THE IMPROVEMENTS BY THE OWNER SHALL CONSTITUTE SUBSTANTIAL COMPLETION.
- CONTRACTOR IS RESPONSIBLE FOR RE-SETTING ANY DISTURBED SURVEY MONUMENTS.
- ADA COMPLIANT DETECTABLE WARNING SHALL BE PREFABRICATED, COMPOSITE, CAST IN PLACE, TRUNCATED DOMES, YELLOW, REMOVABLE WHICH SHALL MATCH THE WIDTH OF THE RAMP.
- ALL EROSION CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE PUBLISHED EROSION CONTROL AND SEDIMENT GUIDELINES FOR IDAHO.
- SEDIMENT CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME AND DURING ALL PHASES OF CONSTRUCTION.
- ALL POINTS OF INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT TRACKING OF MUD ONTO PUBLIC WAYS. THE CONTRACTOR SHALL SWEEP OR OTHERWISE CLEAN ALL DEBRIS GENERATED FROM CONSTRUCTION ACTIVITIES EACH DAY.
- SEDIMENT SHALL BE PREVENTED FROM LEAVING THE SITE OR ENTERING STORM DRAINAGE FACILITIES THROUGH THE USE OF STRAW WATTLES, SEDIMENT TRAPS OR OTHER METHODS.
- ALL EROSION CONTROL MEASURE SHALL BE INSPECTED WEEKLY OR AFTER RAINFALL EVENTS.
- DUST SHALL BE CONTROLLED BY WATER OR OTHER APPROVED METHOD.
- CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ANY INSTALLED EROSION CONTROL METHOD AT THE END OF THE PROJECT.

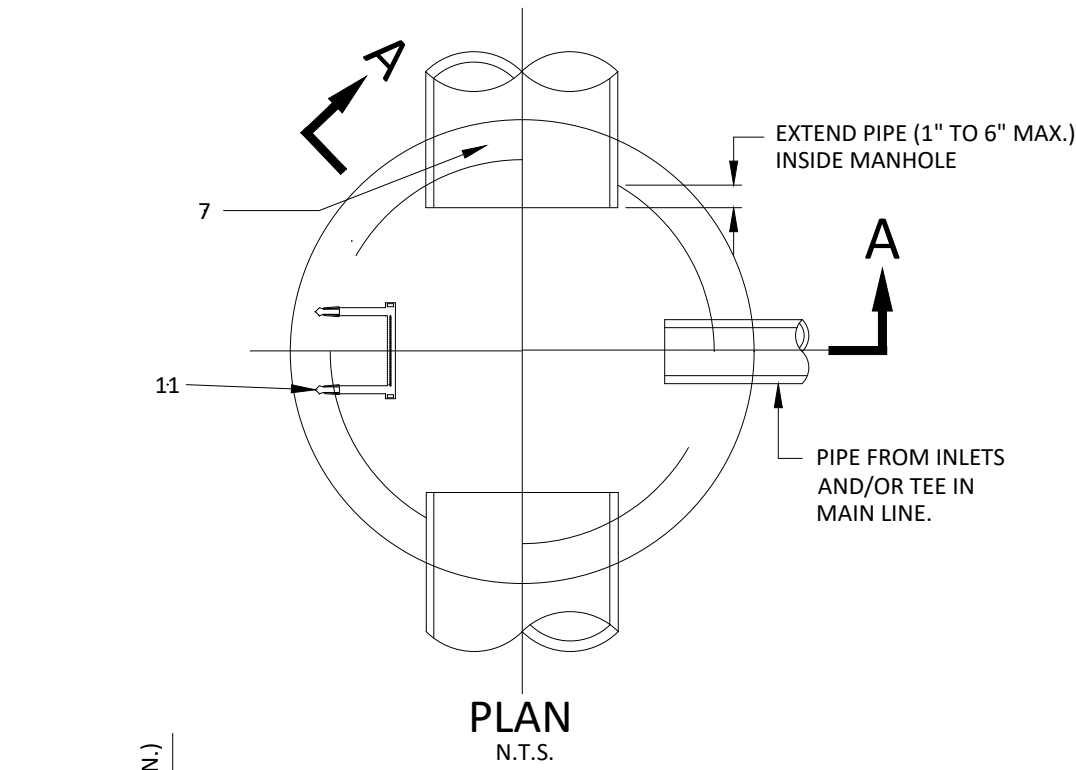


CITY OF DRIGGS - STANDARD DETAILS

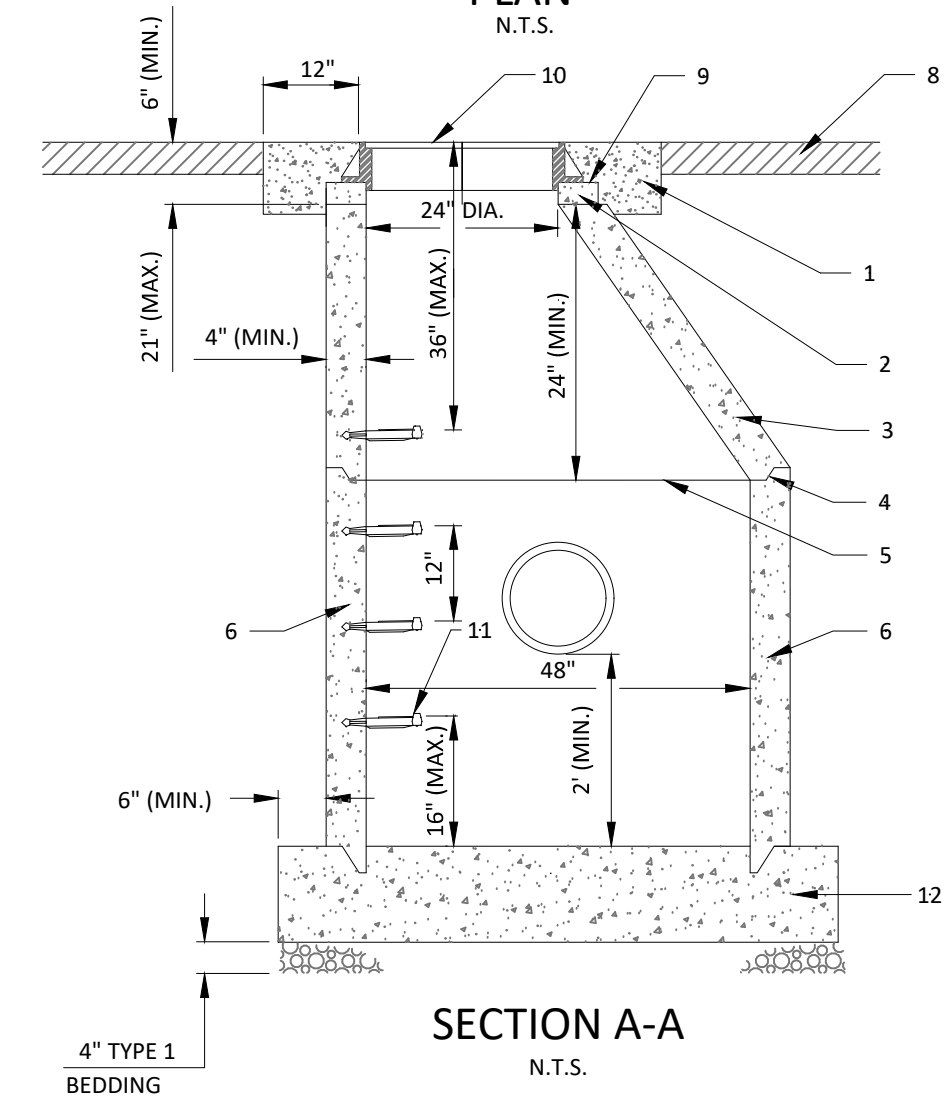
CITY OF DRIGGS - STANDARD DETAILS



INFILTRATION BED: PLAN
NTS



PLAN
N.T.S.



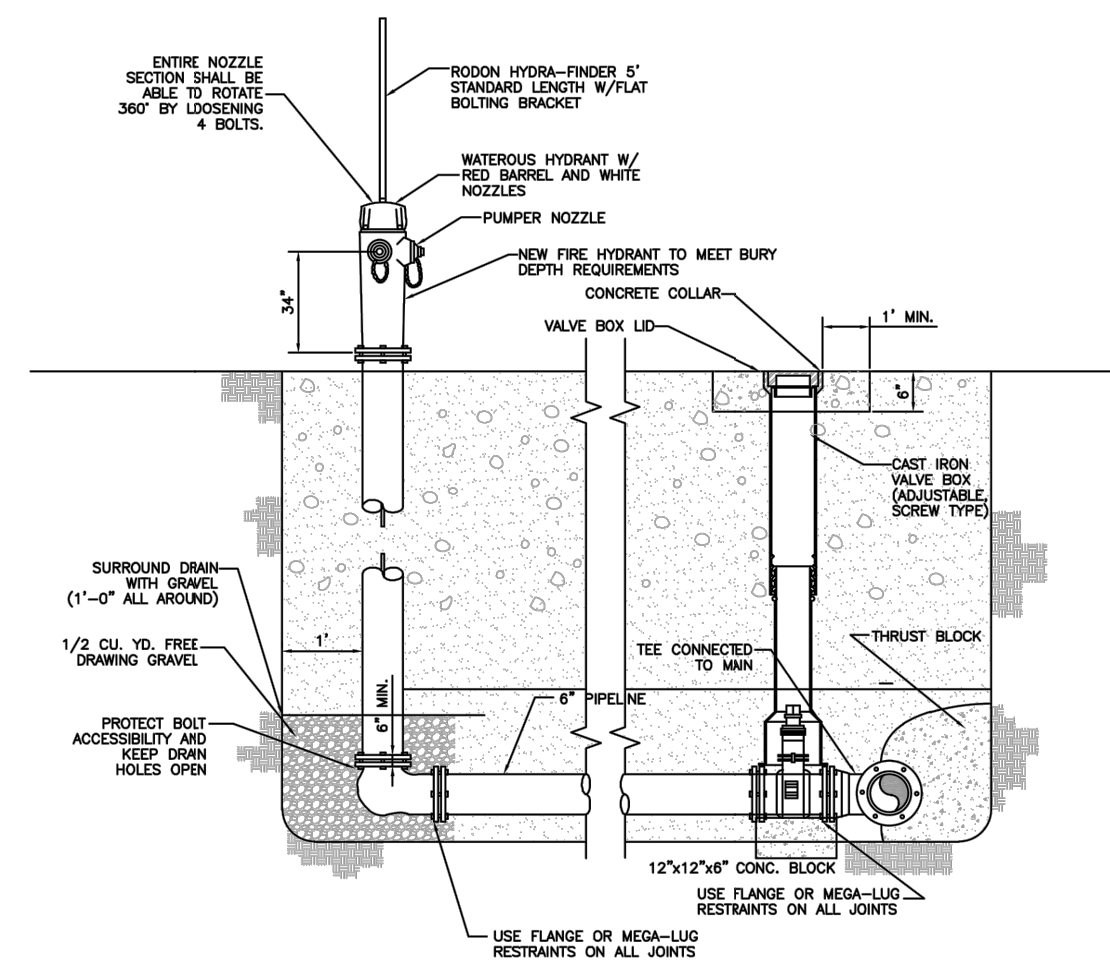
SECTION A-A
N.T.S.

LEGEND

- 1 CONCRETE COLLAR IN PAVED STREET SECTIONS PER SD-616.
- 2 GRADE RINGS GROUTED WATERTIGHT IN PLACE, NOT TO EXCEED 21" FROM FINISHED SURFACE TO TOP OF CONE.
- 3 PRECAST MONOLITHIC ECCENTRIC CONE SECTION. (REBAR NOT SHOWN).
- 4 RAMNEK OR APPROVED GASKETS AT ALL JOINTS.
- 5 PROPERLY ALIGN ALL INTERIOR JOINTS.
- 6 PRECAST CONCRETE MANHOLE BARREL SECTION (REBAR NOT SHOWN).
- 7 PRECAST GASKETED HUB RING OR RUBBER GASKETED COLLAR.
- 8 SURFACING TO MATCH FLUSH WITH EXISTING SURFACING (AS SHOWN).
- 9 FRAME TO BE GROUTED TO GRADE RINGS.
- 10 FRAME AND COVER PER SD-617.
- 11 MANHOLE STEPS. SEE NOTE G.
- 12 BASE. SEE SD-501A FOR PREFABRICATED BASE.

NOTES:

- A OPTIONAL PREFABRICATED MANHOLE BASE WITH APPROVED PIPE CONNECTIONS MAY BE USED WITH ENGINEERS APPROVAL, SEE SD-501A.
- B PLACE VERTICAL WALL ON UPSTREAM SIDE OF MANHOLE, ROTATED 45 DEGREES.
- D MANHOLE FRAME AND COVER:
A. REFER TO DRAWING NO. SD-617.
B. FRAME AND COVER SHALL BE FLUSH WITH SLOPE OF PAVEMENT.
C. "STORM DRAIN" ON COVER.
- E WHERE PVC PIPE IS UTILIZED, INSTALL A RUBBER RING OR GASKET COLLAR WHERE THE PIPE IS IN CONTACT WITH MANHOLE BASE AND/OR MANHOLE CHANNEL, IN ORDER TO INSURE A WATERTIGHT SEAL.
- F EITHER BASE ON SD-501 OR SD-501A MAY BE USED WITH EITHER MANHOLE DESIGN.
- G VERIFY WITH ENGINEER REGARDING LOCAL PREFERENCE ON INSTALLATION OF MANHOLE STEPS PRIOR TO ORDERING MATERIALS OR INSTALLATION.
- H HOOD/SNOOT TO BE INSTALLED ON MANHOLE OUTLET



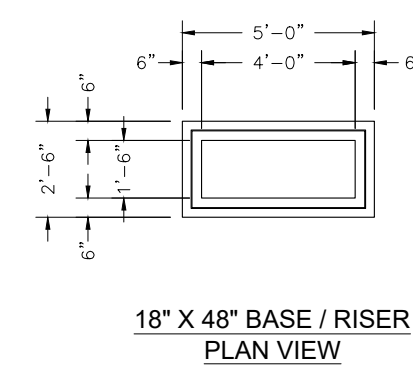
- CONSTRUCTION NOTES:**
1. ALL PIPES SHALL BE INSTALLED AT THE LOCATIONS AND DEPTHS INDICATED ON THE PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER.
 2. ALL PIPELINE MATERIALS SHALL CONFORM TO ASTM D2004-80, SCHEDULE 40, ASTM F179-81, OR ASTM F794-83.
 3. CONTRACTOR SHALL VERIFY ALL WORK IS ACCORDANCE WITH IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ). MEET QUALITY STANDARDS AND REGULATIONS.
 4. ALL DISTURBED AREAS SHALL BE APPROVED BY THE CITY OF DRIGGS PUBLIC WORKS.
 5. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
 6. PIPE SHALL BE PLACED WITHIN THE RIGHT-OF-WAY DESIGNATED, AND IN NO CASE SHALL THE PIPELINE BE CLOSER THAN 3 FEET FROM THE PROPERTY LINE.
 7. MINIMUM HORIZONTAL SEPARATION FROM SEWER SHALL BE 10' UNLESS OTHERWISE NOTED TO CONTRARY.
 8. IF HORIZONTAL SEPARATION CANNOT BE MAINTAINED THEN WATER LINE SHALL BE 1'-6" VERTICALLY ABOVE SEWER OR SEWER SHALL BE COVERED WITH SEPARATION ON BE MET.
 9. ALL APPURTENANCES TO BE WRAPPED WITH 6 MIL PLASTIC TO PREVENT CONCRETE FROM ADHERING TO ANY PART OF FITTING.
 10. JOINT RESTRAINTS SHALL BE USED FOR THRUST SUPPORT.
 11. WATER VALVE LOCATIONS SHALL BE 5' FROM THE C.L. OF THE MAIN LINE TO THE C.L. OF A MAIN LINE W/ VALVE AND A MAX. OF 2' FROM THE C.L. OF MAIN LINE TO THE C.L. OF THE FIRE HYDRANT OR PRIVATE SERVICE VALVE, OR AS DIRECTED BY THE ENGINEER.
 12. FIRE HYDRANTS AND CURB STOPS SHALL BE LOCATED OUT OF TRAFFIC AND WHERE POSSIBLE LOCATED TO BEHIND WALK OR UTILITY EXCEPT AS SHOWN OR 1' IN FRONT OF WALK IF NO CURBSTOP IS AVAILABLE BEHIND WALK.
 13. CONTRACTOR SHALL PAINT CURB TO FEET ON EACH SIDE OF ROADWAY.
 14. CONTRACTOR SHALL PROVIDE A HYDRANT BRANCH FOR EACH PRIZE OF THE PROJECT.
 15. IF DEPTH IS GREATER THAN 4' EXTENSIONS TO OPERATING NUT (S) REQUIRED.

18" x 48" FRAME & GRATE

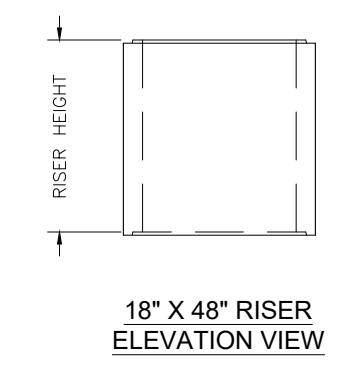
18"x48" RISER

18"x48" BASE

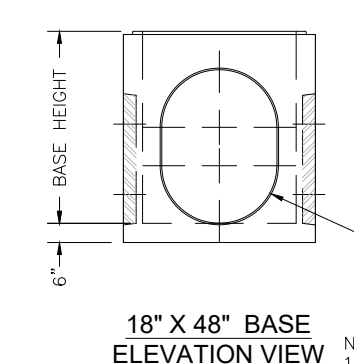
| HEIGHT | WEIGHTS | |
|--------|---------|---------|
| | BASE | RISER |
| 6" | | 488 # |
| 1' | 2,887 # | 975 # |
| 2' | 3,201 # | 2,925 # |
| 4' | 3,321 # | 3,900 # |
| 5' | 4,741 # | 4,875 # |



18" X 48" BASE / RISER
PLAN VIEW



18" X 48" RISER
ELEVATION VIEW



18" X 48" BASE
ELEVATION VIEW

| BASE HEIGHT | WIDE SIDE KNOCKOUT DIMENSIONS | | | SHORT SIDE KNOCKOUT DIMENSIONS | | |
|-------------|-------------------------------|-----|-----|--------------------------------|-----|-----|
| | DIA. | A | B | DIA. | A | B |
| 2' | 18" | 18" | 0" | 18" | 18" | 0" |
| 3' | 30" | 30" | 0" | 18" | 18" | 0" |
| 4' | 36" | 36" | 0" | 18" | 30" | 12" |
| 5' | 36" | 48" | 12" | 18" | 40" | 22" |

18" X 48" CATCH BASIN WITH GRATE
NTS

*HOOD/SNOOT TO BE INSTALLED ON CATCH BASIN OUTLET