IDAHO FOODBANK WAREHOUSE - LEWISTON

CIVIL CONSTRUCTION PLANS

CITY INSPECTION CHECKLIST

ITEM	MATERIAL	TEST / STANDARD	ACCEPTANCE	TEST FREQUENCY	INSPECTOR/CO.	DATE	INITIAL
1. ALL UTILITY TRENCHES & STRUCTURES							
TRENCH SUBGRADE	Native (6" to 8" Lifts Max.)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	90% Max. Dry Density	One in-place density test every lift per 100 linear feet. If project is less than 100 linear feet, one in-place density test per day OR per lift [whichever test frequency is more restrictive]			
PIPE BEDDING	3/4" minus Crushed Aggregate (6" to 8" Max. Lift) (Current ITD Spec 703.04) OR 5/8" minus Crushed Aggregate (6" to 8" Max. Lift) (Current WDOT/M41-10 Spec 9-03.9)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density	One in-place density test every lift per 100 linear feet. If project is less than 100 linear feet, one in-place density test per day OR per lift [whichever test frequency is more restrictive] Test top 6" of 12" cover.			
1st FOOT [12"] OF FILL OVER PIPE	3/4" minus Crushed Aggregate (6" to 8" Max. Lift) (Current ITD Spec 703.04) OR 5/8" minus Crushed Aggregate (6" to 8" Max. Lift) (Current WDOT/M41-10 Spec 9-03.9)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density	One in-place density test every lift per 100 linear feet. If project is less than 100 linear feet, one in-place density test per day OR per lift [whichever test frequency is more restrictive]			
TRENCH BACKFILL UNDER PROPOSED ROAD & SIDEWALK	3/4" minus Crushed Aggregate (6" to 8" Max. Lift) (Current ITD Spec 703.04) OR 5/8" minus Crushed Aggregate (6" to 8" Max. Lift) (Current WDOT/M41-10 Spec 9-03.9)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density	One in-place density test every lift per 100 linear feet. If project is less than 100 linear feet, one in-place density test per day OR per lift [whichever test frequency is more restrictive]			
TRENCH BACKFILL UNDER EASEMENT / NON-TRAFFICKED AREA	Native Soil Free of Unsuitable Material w/ 4" Max. Particle Size (8" Max. Lift)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	90% Max. Dry Density	One in-place density test every lift per 100 linear feet. If project is less than 100 linear feet, one in-place density test per day OR per lift [whichever test frequency is more restrictive]			
STRUCTURAL FILLS	As Spec'd by Engineer	As Spec'd by Engineer		As Spec'd by Engineer			
2. STORM DRAIN MAINS							
GASKETED PE Storm Sewer Pipe	Polyethylene, ADS N-12 or Equal		Certified & Visual by City		Certified & Visual by City		
ALIGNMENT AND GRADE	N/A	Per Manufacturer's Instructions		Per Plan			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	Per Manufacturer's Instructions		Each Joint			
PRESSURE TEST	N/A	4 PSI for 15 Minutes, 1/2 PSI Drop	If required by City Engineer	Between Access Holes			
MANHOLES	Concrete	City Standard		N/A	Certified & Visual by City		
VIDEO INSPECTION	N/A		Public Works Policy No 2012-2				
3. WATER MAINS							
DUCTILE IRON or PVC WATER MAIN	AWWA C-151, C-900, C-905 (Class as Req'd)		Certified & Visual by City		Certified & Visual by City		
ALIGNMENT AND GRADE	N/A	AWWA C-600, AWWA C-605		Per Plan			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	AWWA C-600, AWWA C-605		Each Joint			
THRUST BLOCKS	Concrete, 2500 PSI Mix	Per Approved Plans/or City Std Dwg # 4-4		Each Joint	Certified & Visual by City		
HYDROSTATIC PRESSURE	N/A	2 Hrs, NTE Allowable Leakage Per AWWA C-600, AWWA C-605		150% Working Pressure OR 1½ times the Working Pressure in the Water System			
CHLORINATION/BACTERIA	N/A	AWWA C-651		Bacterial Testing: two negative testing samples 24 hours apart	City of Lewiston		
4. WASTEWATER MAINS							
PVC WASTEWATER MAIN	PVC, SDR 35	ASTM 3034		N/A			
ALIGNMENT AND GRADE	N/A	N/A		Per Plan			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	Per Manufacturer's Instructions		Each Joint			
MANHOLES	Concrete	Hydrostatic Test		Each Joint			
PRESSURE TEST	N/A	4 PSI for 15 Minutes, 1/2 PSI Drop		Between Access Holes			
VIDEO INSPECTION	N/A	No Perforations, Dents or Dimples, No Bellies > 0.02'	Public Works Policy No 2012-2	Between Access Holes			
5. CONCRETE CURB, GUTTER & SIDEWALK							
CONCRETE	CLASS 35B - Approved Mix Design Required with Min Cement Content of 560 Lb/CY, Max Water/ Cement Ratio of .44, a WRA, and an AEA	AASHTO T-22 Compressive Strength of Concrete AASHTO T-23 Making Test Specimens AASHTO T-119 Slump of Hydraulic Cement Concrete AASHTO T-152 Air Content of Freshly Mixed Concrete AASHTO T-309 Temperature of Freshly Mixed Concrete WAQTC TM-2 Sampling Freshly Mixed Concrete	Min. 28 day Compressive Strength = 3000 psi, Water/Cement Ratio shall be 0.5 lb/lb Max. Slump = 5 inches Air Content Percent = 6.0% ± 1.5 Temperature = 50°F - 80°F	1 of Each Test Minimum per Day, or 1 of Each Test per 50 CY			
CRUSHED AGGREGATE BASE COURSE	3/4" minus Crushed Aggregate (4" Max. Lift) (Current ITD Spec 703.04) OR 5/8" minus Crushed Aggregate (4" Max. Lift) (Current WDOT/M41-10 Spec 9-03.9)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density	1 Tests Per 500 LF-Min 2 Tests			
ALIGNMENT AND GRADE	N/A	Visual	± 0.02' from Design Grade/Alignment	Per 10' Section	City Approval		
JOINTS/FLATNESS/STRAIGHTNESS	N/A	Visual	± 0.02'/10' Segment	Per 10' Section			
FINISH	N/A	Visual	Floated, Uniform, Light Broom Finish	Entire Surface Area			
6. ASPHALTIC CONCRETE PAVING							
HOT MIX ASPHALT	ITD Class II 1/2" - Appv'd Mix Design Required (2004 ITD Spec 405, 702, and 703.05)	AASHTO T 166, Method C, Specific Gravity of HMA AASHTO T 209, Test for Maximum Specific Gravity WAQTC TM-8, In-Place Density of Bituminous Mixes	92%-95% Max. Theoretical Density	1Test Per 750 Ton-Min 1 Test			
CRUSHED AGGREGATE BASE COURSE*	Same test requirement as under **5. Concrete Curb, Gutter & Sidewalk**						
7. EROSION & SEDIMENT CONTROLS	Per Approved Plan	Per Plan and Manufacturers' Instructions		1/Wk or After Every Rainfall			
8. TRAFFIC CONTROL	Per Approved Plan	Current Adopted MUTCD/ATSSA		Continuous			
9. RECORD DRAWINGS	AutoCAD Elect File, Bond Paper, 22" x 34" Min Size	City Checklist		Before Public Improvements Accepted			
10. ENGINEER'S CERTIFICATION							
Date Last Revised September 2015							

LEGEND

Proposed	Existing
PROPOSED SAN. SEWER	EXISTING SAN. SEWER
PROPOSED STORM SEWER	EXISTING STORM SEWER
PROPOSED WATER LINE	EXISTING WATER LINE
PROPOSED FIRE PROTECTION	EXISTING FIRE PROTECTION
PROPOSED FENCE LINE	EXISTING OVERHEAD ELECTRICAL LINE
PROPOSED CATCH BASIN	EXISTING UNDERGROUND ELECTRICAL LINE
PROPOSED MANHOLE	EXISTING FENCE LINE
PROPOSED GATE VALVE	EXISTING CATCH BASIN
PROPOSED FIRE HYDRANT	EXISTING MANHOLE
PROPOSED THRUST BLOCK	EXISTING GATE VALVE
XXXX PROPOSED CONTOUR LINE	EXISTING FIRE HYDRANT
XXXX PROPOSED SPOT ELEVATION	EXISTING THRUST BLOCK
PROPOSED GRADE BREAK	EXISTING WATER METER
PROPOSED CENTERLINE MONUMENT	EXISTING POWER POLE
PROPOSED CENTERLINE	XXXX EXISTING CONTOUR LINE
PROPOSED EASEMENT LINE	XXXX EXISTING SPOT ELEVATION
P/L PROPERTY LINE	(E)XXXXXXX EXISTING UTILITY
PROJECT BOUNDARY	EXISTING CENTERLINE MONUMENT
SILT FENCE	
PROPOSED FUTURE IMPROVEMENTS	
HEAVY PAVEMENT SECTION	

PUBLIC IMPROVEMENT QUANTITIES

1.	Mobilization,Insurance, Etc,	Lump Sum
2.	Existing Pavement Removal & Grading	Lump Sum
3.	12" Crushed 3/4"(-) Aggregate Base Course	250 Sq. Yds
4.	4" A.C. Pavement	200 Sq. Yds
5.	Conc. High Back Curb & Gutter	210 L.F.
12a.	6.0' Conc. Sidewalk	1160 S.F.
12b.	Conc. Driveway Approach (Std Dwg. No. 2-16)	1 Each
17a.	Stormwater Inlet Aprons	2 Each
17b.	Stormwater Infiltration Trenches	25 L.F.
18.	Erosion Control & SWPPP Inspections	Lump Sum
19.	Traffic Control	Lump Sum

AS CONSTRUCTED 1/11/16 JSH
Hedco, Inc.
528 Bryden Ave
Lewiston, ID 83501

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

CONTACTS

OWNER
IDAHO FOODBANK WAREHOUSE, INC.
3562 S. TK AVE
BOISE, IDAHO 83705

ARCHITECT
SLICHTER ARCHITECTS
CHAD SLICHTER
415 S. 13TH ST
BOISE, IDAHO 83702
208-658-1679

GEOTECHNICAL SERVICES
ALLWEST TESTING & ENGINEERING, LLC
2705 E. MAIN STREET
LEWISTON, IDAHO

UTILITY PROVIDERS

SANITARY SEWER	COSD	208-746-9689
WATER	L.O.I.D. (Barney Metz)	208-746-8235
POWER	AVISTA (Colby Witters)	509-780-1475
TELECOM.	CENTURY LINK (Julio Mendez)	208-798-8380
CABLE T.V.	CABLEONE (Tom Donahue)	208-791-5032

SHEET INDEX

REV LTR	DATE	REVISION DESCRIPTION	CHECKED	APPD.
A	01-04-16	Revised as per City Review Comments dated 11/25/15		

REGISTERED PROFESSIONAL ENGINEER * LAND SURVEYOR #2102 STATE OF IDAHO JACK S. HAMMOND 10/30/15

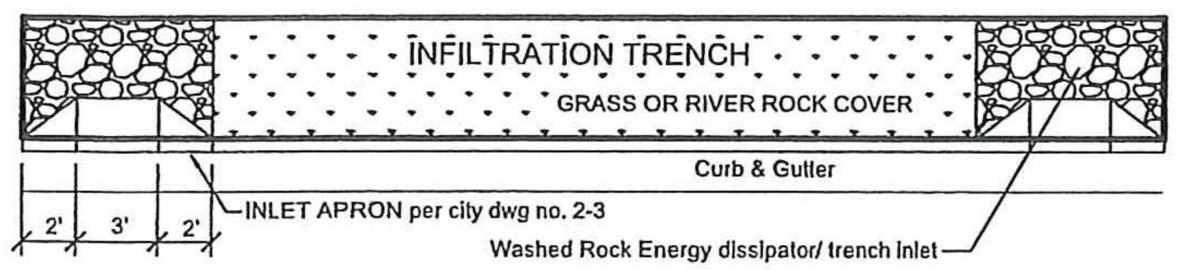
SCALE	SHEET SIZE D
DRAWN BY MEE	CHECKED BY JSH
DATE 10-30-15	JOB # 1516
SHEET C0	
DRAWING # 1516-C0	

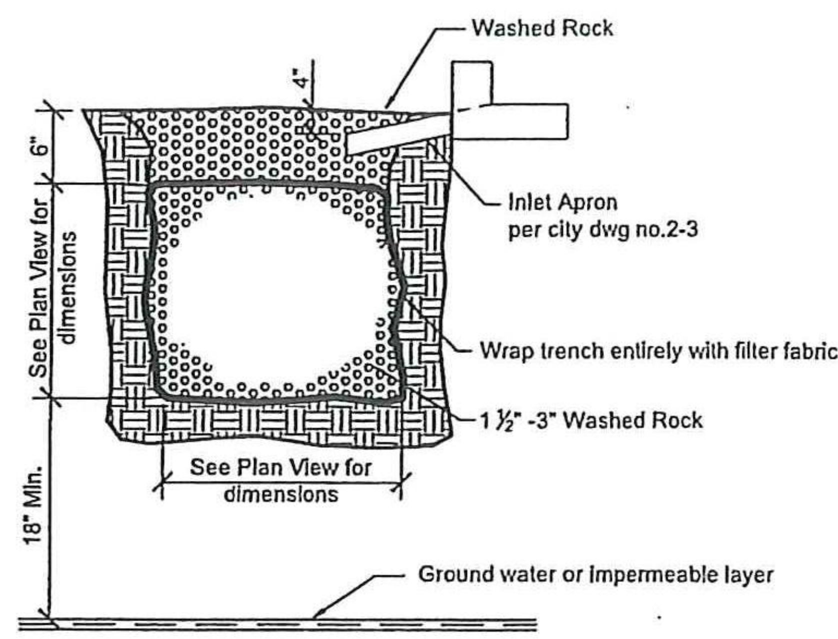
~~2016-01-04 REVIEW SET - NOT FOR CONSTRUCTION~~

THE IDAHO FOODBANK WAREHOUSE
LEWISTON FACILITY
10TH ST & LINDEN AVE
LEWISTON, IDAHO

HEDCO
HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE LEWISTON, IDAHO 83501
(208) 798-5422

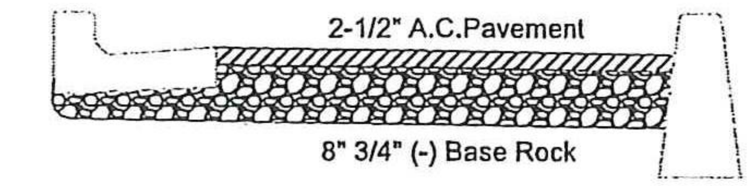
SHEET
C0



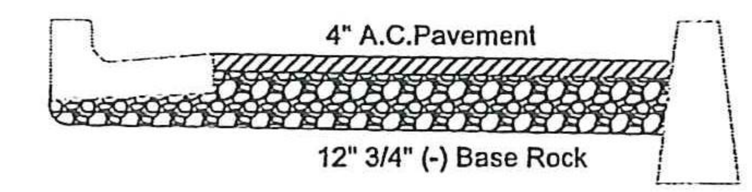


TYPICAL INFILTRATION TRENCH DETAIL

SECTION A
NTS 1517-C3



STANDARD A.C. PAVEMENT X-SECTION

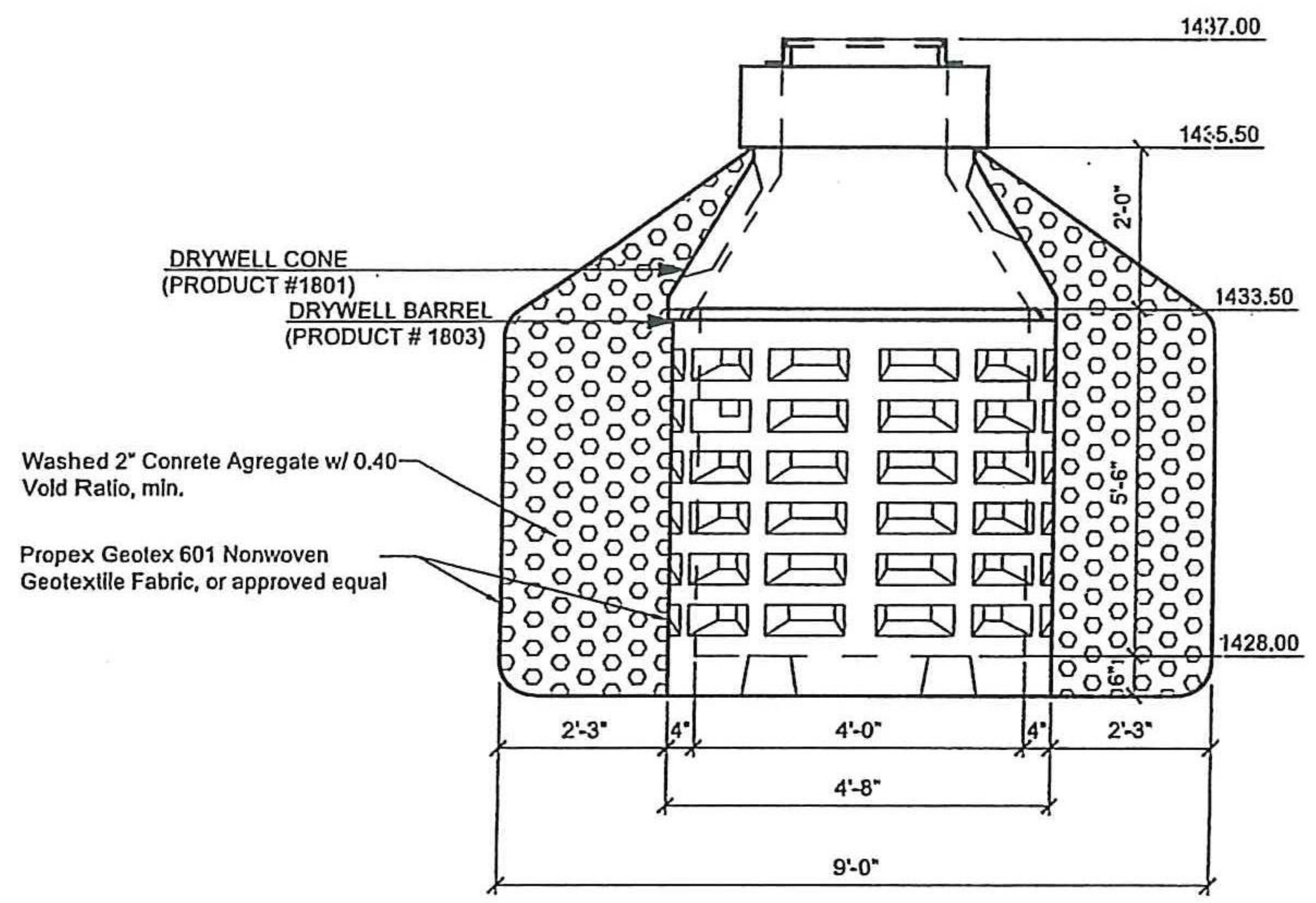


HEAVY A.C. PAVEMENT X-SECTION

NOTES:

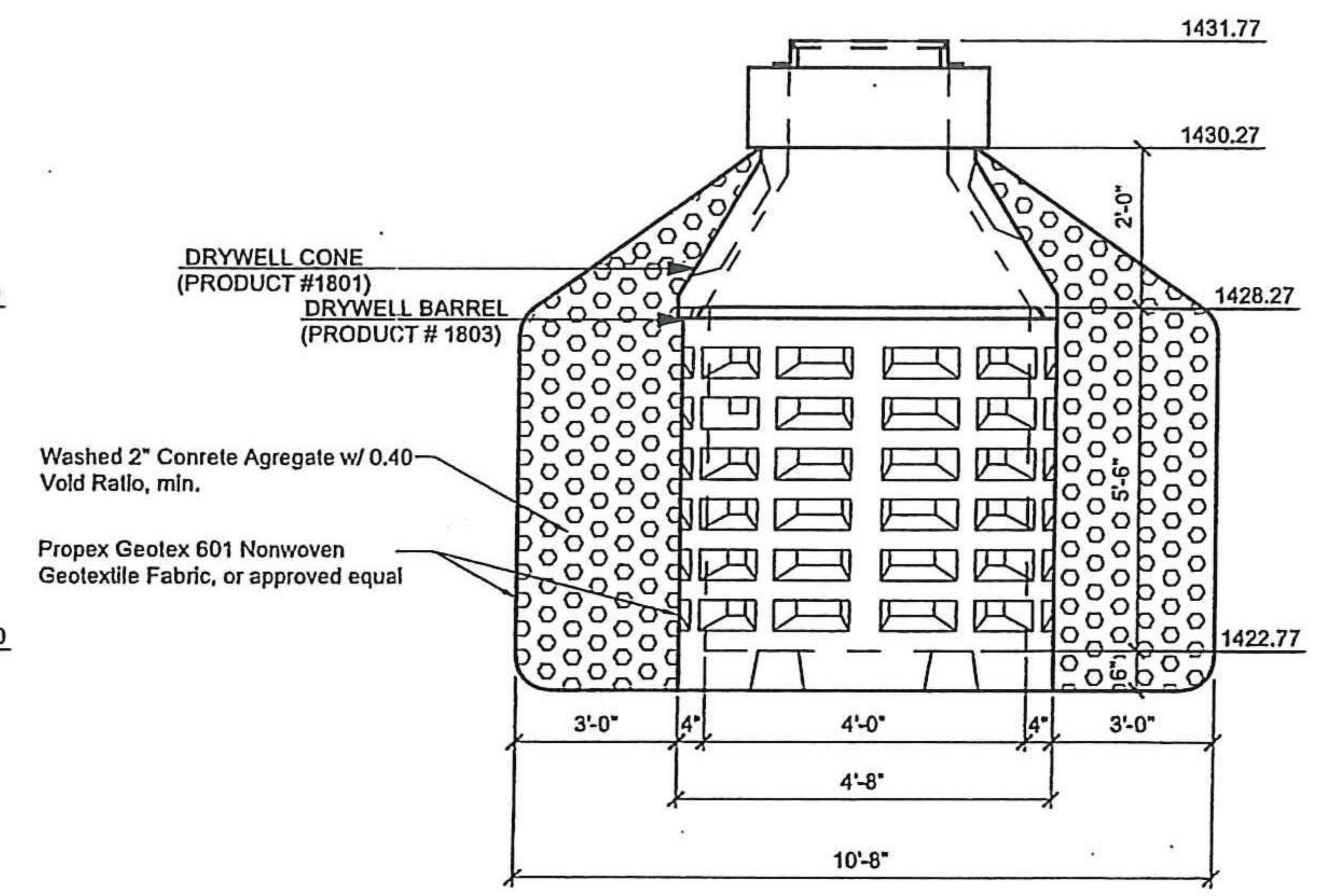
1. ALL EARTHWORK SHALL BE COMPACTED TO 95% OF AASHTO T-99 PROCTOR VALUE.
2. ALL POTABLE WATER LINES RUNNING FROM MAIN TO METERS WILL BE 2" AND METERS WILL BE 1" TYP.
3. SANITARY SEWERS SHALL HAVE 3.0' MIN. COVER & SERVICE LATERALS SHALL HAVE 2.0% MIN. GRADE. STORM DRAINS SHALL HAVE 2.0' MIN. COVER
4. ALL PARKING & DRIVEWAY AREAS ARE TO BE PAVED WITH 2.5" A.C. & 8" AGGREGATE BASE ROCK OVER GEOTEXTILE FABRIC.
5. ALL PARKING STALLS ARE TO BE PERMANENTLY MARKED WITH STRIPES AND SIGNS AT THE HANDICAP STALLS, TO LEWISTON CITY STANDARDS.
6. ALL WORK DONE WITHIN CITY RIGHT OF WAY TO BE DONE IN ACCORDANCE WITH CITY STANDARDS.
7. SANITARY SEWER PIPING AND MANHOLES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH CITY OF LEWISTON STANDARDS.
8. ALL AVISTA CONDUITS WILL BE SCHEDULE 40 GRAY ELECTRICAL CONDUIT (LARGE SWEEPS, LONG COUPLERS)
9. A RIGHT-OF-WAY PEMIT SHALL BE OBTAINED THROUGH THE PUBLIC WORKS DEPARTMENT PRIOR TO ANY WORK WITHIN PUBLIC RIGHT-OF-WAY.
10. SITE DISTANCES FOR ABUTTING PROPERTIES, DRIVEWAYS AND INTERSECTIONS SHALL BE MAINTAINED.
11. EROSION AND DUST CONTROL MEASURES MUST BE USED DURING CONSTRUCTION TO REDUCE OR ELIMINATE BLOWING DUST, EXCESSIVE RUNOFF AND SOIL EROSION ACROSS PROPERTY LINES AND INTO STREET RIGHT-OF-WAY, AN TO ELIMINATE TRACKING SOIL AND MUD ONTO STREETS FROM CONSTRUCTION EQUIPMENT AND VEHICLES. THE DEVELOPER IS RESPONSIBLE FOR STREET CLEANUP AT THE END OF EACH SHIFT.
12. ALL CONSTRUCTION NOT SPECIFICALLY MENTIONED OR SHOWN SHALL CONFORM TO CITY ORDINANCES AND STANDARDS.

AS CONSTRUCTED 11/1/16 JSH
Hedco, Inc.
528 Bryden Ave
Lewiston, ID 83501



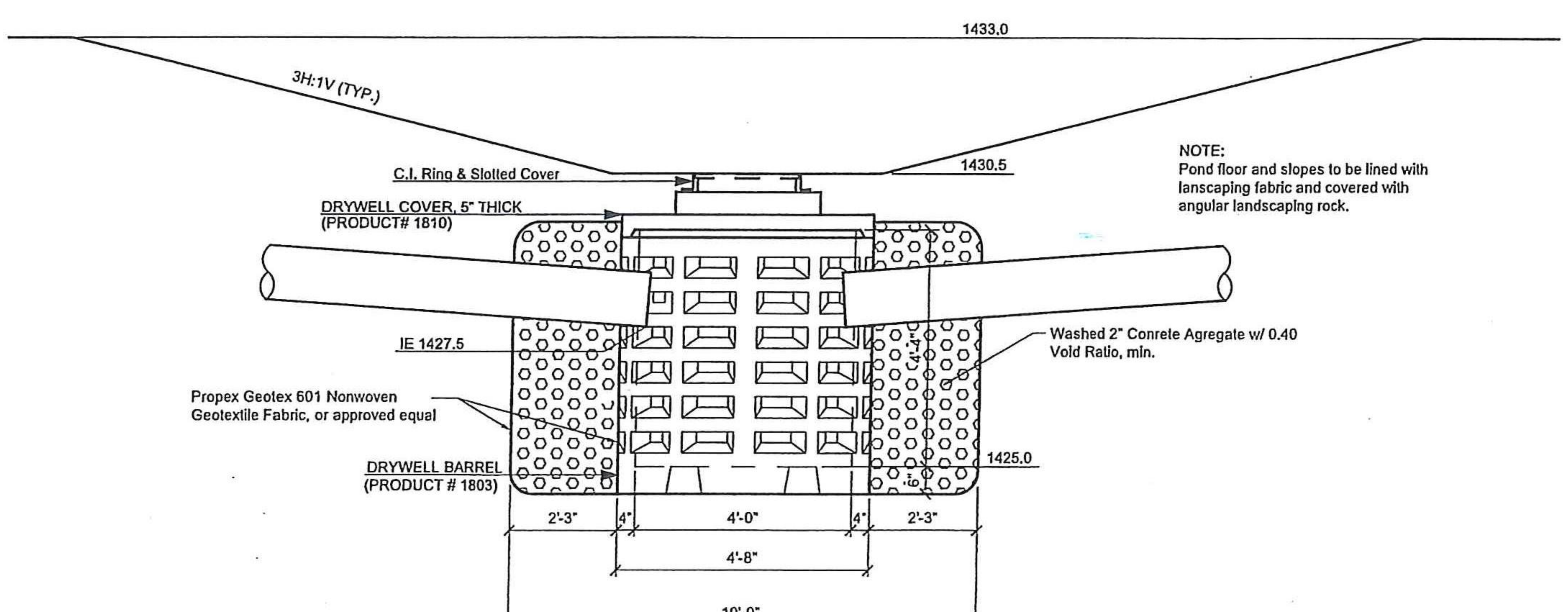
DRY WELL SECTION

DETAIL B
NO SCALE 1516-C4



DRY WELL SECTION

DETAIL C
NO SCALE 1516-C4

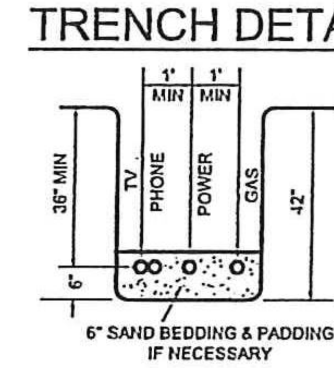


NOTE:
Pond floor and slopes to be lined with landscaping fabric and covered with angular landscaping rock.

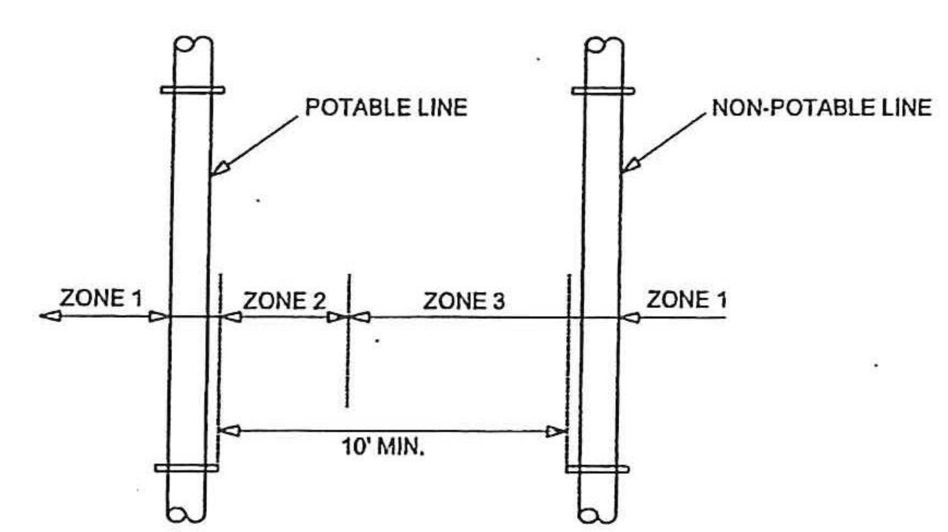
DRY WELL SECTION

DETAIL D
NO SCALE 1516-C4

FRANCHISE UTILITIES
TRENCH DETAIL



LINE SEPARATIONS

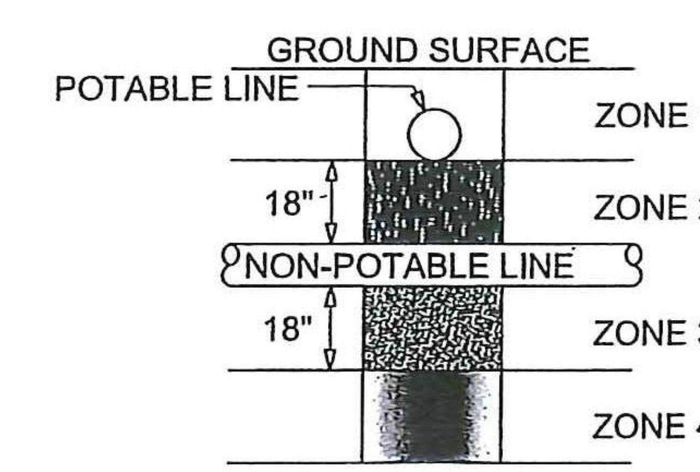


ZONE 1: (MORE THAN 10 FEET APART)

ZONE 2: (FROM 6 TO 10 FEET APART)
- Potable and Non-Potable mains separated by at least 6 feet at outside walls and
- Potable main higher in elevation than Non-Potable mains and
- Non-Potable mains constructed to with Potable water class pipe and pressure tested for water-tightness.

Zone 3 : (CLOSER THAT 6 FEET APART)
- For Mains and Services, Design Engineer to submit data to Department for review and approval that this intuallation will protect public health and environment and non-potable line constructed with potable water class pipe.

LINE CROSSINGS



ZONE 1:
A) Potable Water and Non-potable Mains and Service Lines must be separated by at least 18 inches and

B) One full, uncut length of Non-Potable pipe must be centered so that the joints are as far as possible from the crossing.

ZONE 2: Potable line<18" over the top of Non-Potable line (Main and Services).

A) One full, uncut length of Non-Potable Water pipe must be centered on the crossing so that the joints are as far as possible from the Non-Potable line and

either B) Non-Potable line must be constructed to Potable water pipe standards and pressure tested for water tightness for a horizontal distance of 10 feet on both sides of crossing,

or C) Non-Potable or potable line must be cased in a larger diameter carrier pipe for a horizontal distance of 10 feet on both sides of the crossing, with no joints.

ZONE 3: Same requirements as Zone 2 except the Non-Potable line must also be supported above the crossing to prevent settling.

ZONE 4: Same requirements as Zone 1 except the Non-potable line must also be supported above the crossing to prevent settling.

Sewage mains shall have at least eighteen inches of clearance from Potable Water mains and Zones 2 and 3 placements are prohibited. Separation requirements also apply to Potable and Non-Potable service lines controlled by the system owner and extending to the property line, service meter, or cleanout. Refer to IDAPA 58.01.01.542.07: Idaho Rules for Public Drinking Water Systems and IDAPA 58.01.16.430.o Idaho Wastewater Rules.

REV LTR	DATE	REVISION DESCRIPTION	CHECKED	APPD.
A	01-04-16	Revised as per City Review Comments dated 11/25/15		

REGISTERED PROFESSIONAL ENGINEER - LAND SURVEYOR #2102 STATE OF IDAHO 10/30/15

SCALE | SHEET SIZE D
DRAWN BY MEE | CHECKED BY JSH
DATE 10-30-15 | JOB # 1516
SHEET C1
DRAWING # 1516-C1

THE IDAHO FOODBANK WAREHOUSE
LEWISTON FACILITY
10TH ST & LINDEN AVE
NOTES & DETAILS
LEWISTON, IDAHO

HEDCO
HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE, LEWISTON, IDAHO 83501
(208) 798-5422

SHEET
C1

REV LTR	DATE	REVISION DESCRIPTION	CHECKED	APPD.
A	01-04-16	Revised as per City Review Comments dated 11/25/15		

REGISTERED PROFESSIONAL ENGINEER · LAND SURVEYOR #2102 STATE OF IDAHO JACK SHAMON 10/30/15

SCALE	SHEET SIZE
1"=30'	D
DRAWN BY MEE	CHECKED BY JSH
DATE 10-30-15	JOB # 1516
SHEET C2	
DRAWING # 1516-C2	

THE IDAHO FOODBANK WAREHOUSE
LEWISTON FACILITY
10TH ST & LINDEN AVE
EXISTING SITE PLAN
LEWISTON, IDAHO

HEDCO

HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE LEWISTON, IDAHO 83501
(208) 798-0422

SHEET
C2

REV LTR	DATE	REVISION DESCRIPTION	CHECKED	APPD.
A	01-04-16	Revised as per City Review Comments dated 11/25/15		

PROFESSIONAL ENGINEER • LAND SURVEYOR
REGISTERED
#2102
STATE OF IDAHO
JACK S. HAMMOND
10/30/15

SCALE 1"=30'	SHEET SIZE D
DRAWN BY MEE	CHECKED BY JSH
DATE 10-25-15	JOB # 1516
SHEET C3	
DRAWING # 1516-C3	

THE IDAHO FOODBANK WAREHOUSE
LEWISTON FACILITY
10TH ST & LINDEN AVE
SITE DEVELOPMENT PLAN - OVERVIEW
LEWISTON, IDAHO

HEDCO
HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE LEWISTON, IDAHO 83501
(208) 798-5422

SHEET
C3

REV LTR.	DATE	REVISION DESCRIPTION	CHECKED	APPD.
A	01-04-16	Revised as per City Review Comments dated 11/25/15		
B	01-25-16	Revised Catch Basin @ Truck Ramp		
C	02-03-16	Revised Catch Basin @ Truck Ramp & Added SDMH		

REGISTERED PROFESSIONAL ENGINEER · LAND SURVEYOR #2102 STATE OF IDAHO 10/30/15

SCALE	1"=20'
SHEET SIZE	D
DRAWN BY	MEE
CHECKED BY	JSH
DATE	10-30-15
JOB #	1516
SHEET	C4
DRAWING #	1516-C4

THE IDAHO FOODBANK WAREHOUSE
LEWISTON FACILITY
10TH ST & LINDEN AVE
SITE DEVELOPMENT PLAN - DETAILED
LEWISTON, IDAHO

HEDCO

HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE, LEWISTON, IDAHO 83501
(208) 746-3422

SHEET C4

AS CONSTRUCTED 11/1/16 JSH
Hedco, Inc.
528 Bryden Ave
Lewiston, ID 83501

REV LTR	DATE	DESCRIPTION	CHECKED	APPD.
A	01-04-16	Revised as per City Review Comments dated 11/25/15		
B	01-25-16	Revised Catch Basin @ Truck Ramp		

PROFESSIONAL ENGINEER - LAND SURVEYOR
REGISTERED
#2102
STATE OF IDAHO
JACK S. HAMMOND
10/30/15

SCALE 1"=20'	SHEET SIZE D
DRAWN BY MEE	CHECKED BY JSH
DATE 10-30-15	JOB # 1516
SHEET C5	
DRAWING # 1516-C5	

THE IDAHOFOOD BANK WAREHOUSE
LEWISTON FACILITY
10TH ST & LINDEN AVE
SITE GRADING PLAN
LEWISTON, IDAHO

HEDCO
HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE, LEWISTON, IDAHO 83501
(208) 798-5422

SHEET
C5

REVISION DESCRIPTION | DATE | CHECKED | APPD.

REGISTERED PROFESSIONAL ENGINEER • LAND SURVEYOR • #2102 • STATE OF IDAHO • JACK S HAMMOND

SCALE 1"=10'	SHEET SIZE B
DRAWN BY MEE	CHECKED BY JSH
DATE 7-18-16	JOB # 1516
SHEET C5_R1	
DRAWING # 1516-C5_R1	

THE IDAHOFOOD BANK WAREHOUSE
LEWISTON FACILITY
10TH ST & LINDEN AVE
SITE GRADING PLAN
LEWISTON, IDAHO

HEDCO

HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE LEWISTON, IDAHO 83501
(208) 798-5422

SHEET
C5_R1

REVISION DESCRIPTION | DATE

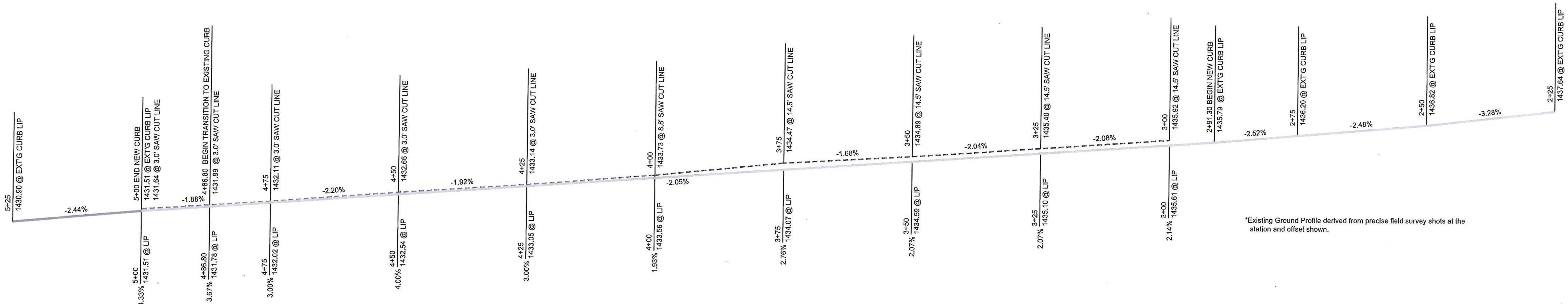
REGISTERED PROFESSIONAL ENGINEER • LAND SURVEYOR
#2102
STATE OF IDAHO
JACK SHAMMOND

SCALE 1"=10'	SHEET SIZE B
DRAWN BY MEE	CHECKED BY JSH
DATE 8-31-16	JOB # 1516
SHEET C5_R2	
DRAWING # 1516-C5_R2	

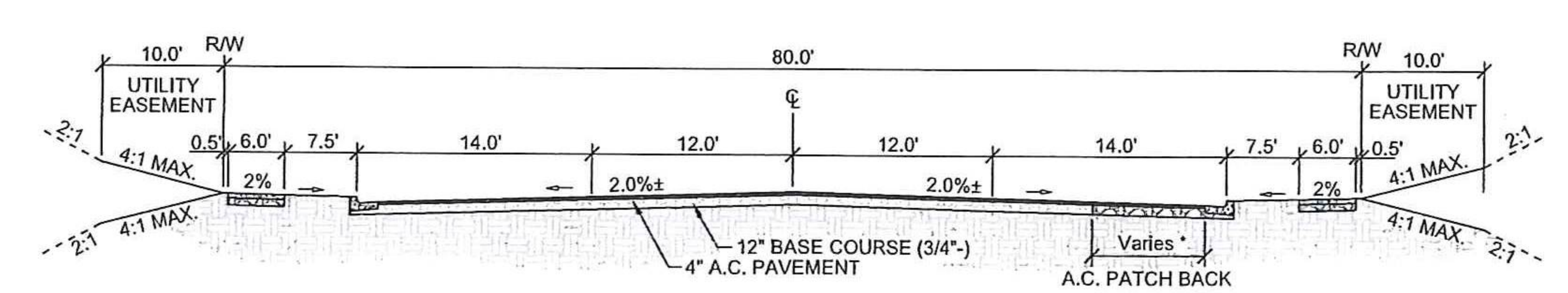
THE IDAHOFOOD BANK WAREHOUSE
LEWISTON FACILITY
10TH ST & LINDEN AVE
SITE GRADING PLAN
LEWISTON, IDAHO

HEDCO
HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE LEWISTON, IDAHO 83501
(208) 798-5422

SHEET
C5_R2



*Existing Ground Profile derived from precise field survey shots at the station and offset shown.



MINOR ARTERIAL
*STD. DWG. NO. 3-14
(10TH STREET)

*Patch-back width varies, slope to be 1% min., 6% max., see Plan & Profile

SUBGRADE TO BE 95% COMPACTION (MIN.)

REV LTR	DATE	REVISION DESCRIPTION	CHECKED	APPD.
A	10-24-15	Curb jog around Utility Poles		

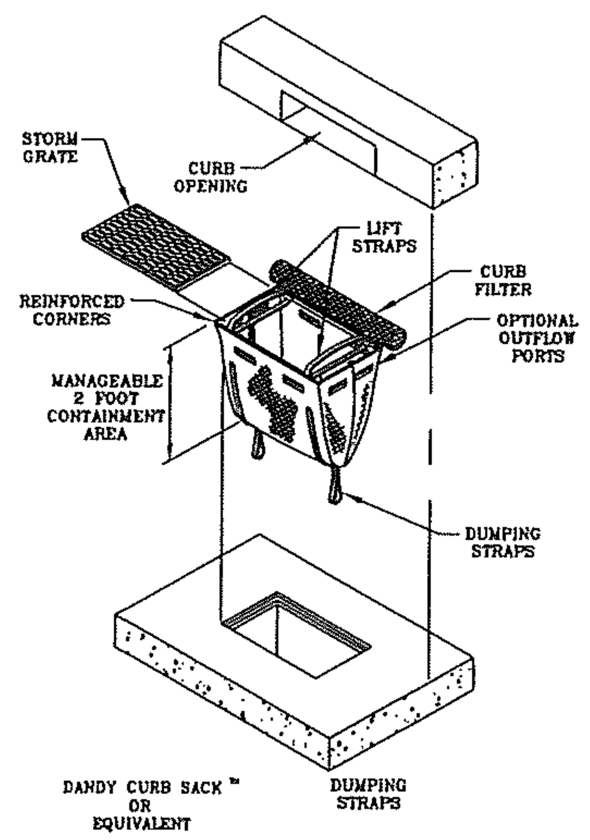
PROFESSIONAL ENGINEER · LAND SURVEYOR · REGISTERED #2102 · STATE OF IDAHO · JAY S. HAMMOND · 10/30/15

SCALE 1"=10'	SHEET SIZE D	
DRAWN BY MEE	CHECKED BY JSH	
DATE 10-30-15	JOB # 1516	
SHEET C6	DRAWING # 1516-C6	

THE IDAHO FOODBANK WAREHOUSE
LEWISTON FACILITY
10TH ST CURB PLAN & PROFILE
SITE DEVELOPMENT PLAN - OVERVIEW
LEWISTON, IDAHO

HEDCO
HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE LEWISTON, IDAHO 83501
(208) 798-5422

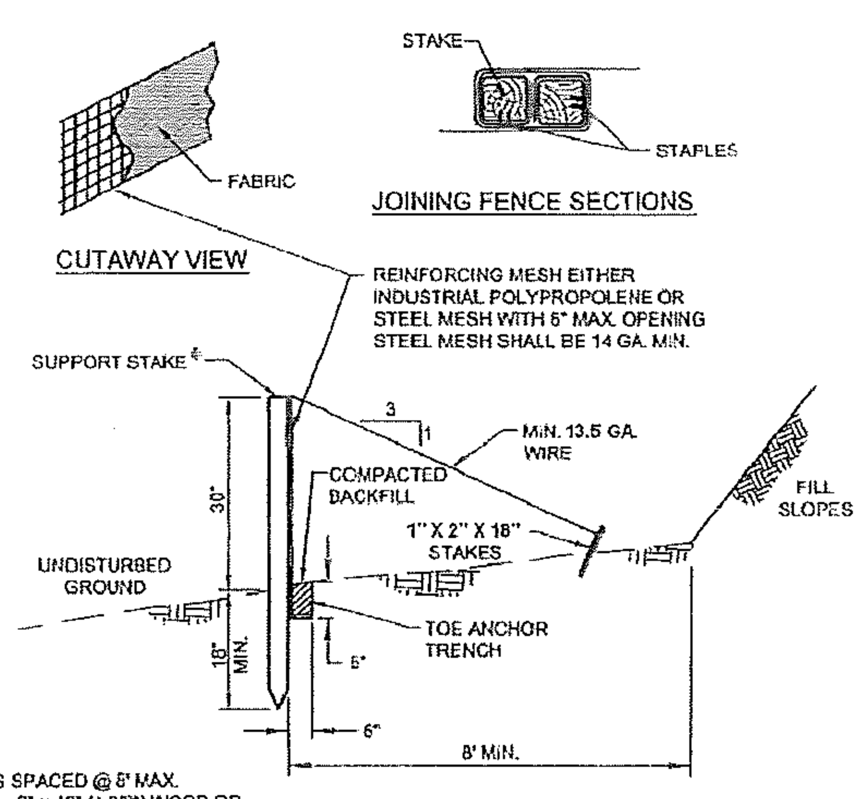
SHEET
C6



CATCH BASIN SILT BAG

NTS

*Install silt bags in existing and new catch basins. Leave in place until all construction activities have ceased.



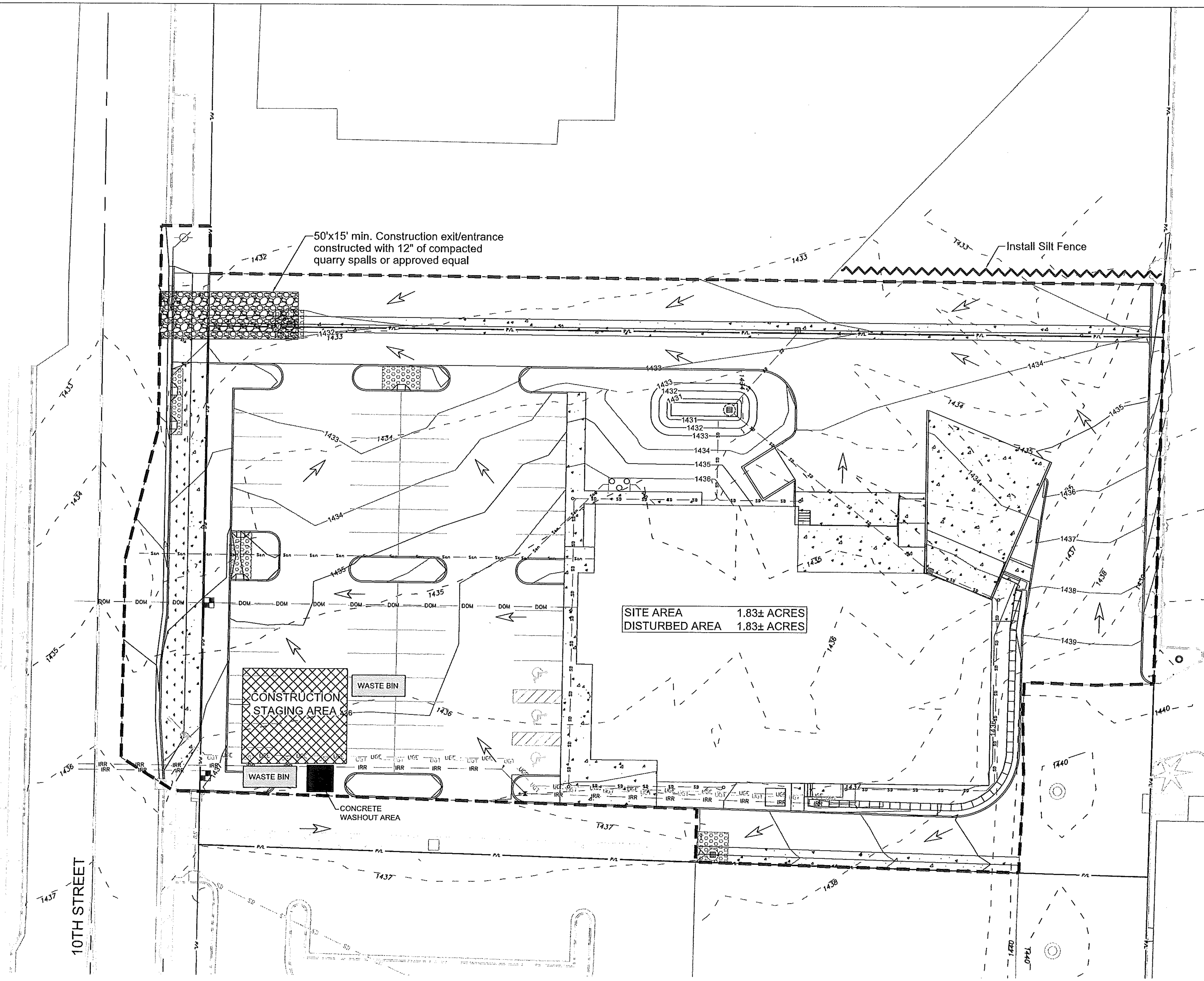
* STAKES SPACED @ 8' MAX.
USE 2" x 2" x 48" (± 3/8") WOOD OR EQUIVALENT STEEL (U OR T) STAKES

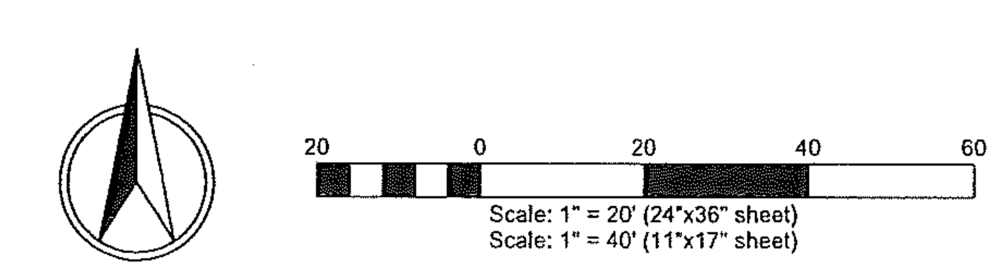
SILT FENCE

NTS

NOTES

1. SEDIMENTATION AND EROSION CONTROL MEASURES MUST BE INSPECTED BY QUALIFIED PERSONNEL. INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY 14-CALENDAR DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 0.5 INCHES OR GREATER. AN INSPECTION REPORT SHALL BE COMPLETED FOR EACH INSPECTION. ALL INSPECTIONS AND THE INSPECTION REPORT SHALL BE IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN.
2. EROSION AND DUST CONTROL MEASURES MUST BE USED DURING CONSTRUCTION TO REDUCE OR ELIMINATE BLOWING DUST, EXCESSIVE RUNOFF AND SOIL EROSION ACROSS PROPERTY LINES AND INTO STREETS AND RIGHT-OF-WAY, AND TO ELIMINATE TRACKING OF SOIL AND MUD ONTO STREETS FROM CONSTRUCTION EQUIPMENT AND VEHICLES. THE DEVELOPER IS RESPONSIBLE FOR STREET CLEANUP AT THE END OF EACH SHIFT.
3. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL GUIDELINES
4. A SWPPP & NOI IS REQUIRED FOR THIS PROJECT. THE CONTRACTOR SHALL REFERENCE THE STORMWATER POLLUTION PREVENTION MANUAL (SWPPP) FOR ALL EROSION CONTROL PROCEDURES ON SITE.





Scale: 1" = 20' (24"x36" sheet)
Scale: 1" = 40' (11"x17" sheet)

REV. LTR.	DATE	REVISION DESCRIPTION	CHECKED	APPD.
A	01-04-16	Revised as per City Review Comments dated 11/25/15		

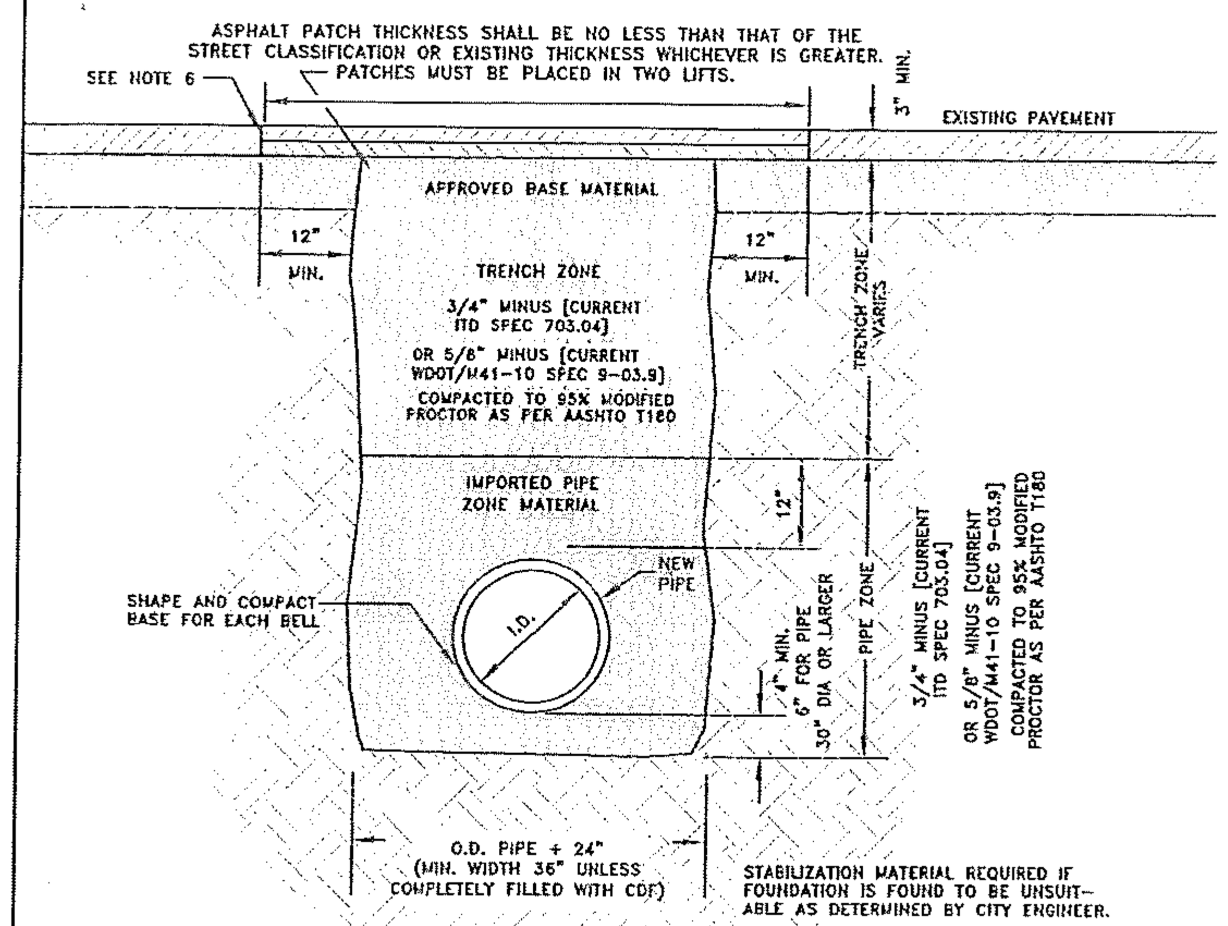
REGISTERED PROFESSIONAL ENGINEER - LAND SURVEYOR #2102 STATE OF IDAHO 10/30/15

SCALE	SHEET SIZE
1"=20'	D
DRAWN BY MEE	CHECKED BY JSH
DATE 10-30-15	JOB # 1516
SHEET C7	
DRAWING # 1516-C7	

THE IDAHOFOOD BANK WAREHOUSE LEWISTON FACILITY
CONSTRUCTION EROSION & SEDIMENT CONTROL PLAN
LEWISTON, IDAHO

HEDCO
HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE LEWISTON, IDAHO 83501
(208) 798-5422

SHEET C7



NOTES:

1. CONTRACTOR SHALL COMPLY WITH THE MOST CURRENT OSHA REQUIREMENTS FOR EXCAVATIONS.
2. ALL TRENCHES EXCAVATED WITHIN EXISTING PAVED STREETS SHALL BE BACKFILLED AND SURFACED THE SAME DAY WITH A 2" THICK COMPACTED COLD MIX ASPHALT PATCH (SMOOTH) – TO BE REPLACED WITH THE CITY'S STANDARD HOT MIX ASPHALT SURFACING AS SOON AS SCHEDULING ALLOWS; UNLESS SPECIFICALLY APPROVED OTHERWISE BY THE CITY ENGINEER.
3. THE NEW ASPHALT PATCH SHALL MATCH THE EXISTING PAVEMENT GRADE. ACROSS THE WIDTH OF THE TRENCH THE NEW SURFACE SHALL BE FLUSH OR UP TO 1/4" ABOVE THE EXISTING PAVEMENT GRADE.
4. EXISTING PAVEMENT SHALL BE SAWCUT FULL DEPTH AND IN CONTINUOUS, STRAIGHT LINES. BROKEN EDGES WILL NOT BE ALLOWED. PAVEMENT CUTS SHALL BE 'TACKED' IMMEDIATELY PRIOR TO INSTALLATION OF THE HOT MIX PATCH.
5. AFTER BACKFILLING TRENCH REMOVE ALL BROKEN OR LOOSE ASPHALT OR CONCRETE BEYOND IN THE INITIAL TRENCH.
6. PATCH CANNOT OVERLAP ANOTHER PARALLEL PATCH AND CANNOT LEAVE EXISTING ASPHALT LESS THAN 36" WIDE.
7. JOINTS TO BE TACKED AND SANDED WITH EMULSIFIED TACK.
8. ANY ALTERATIONS TO THIS STANDARD MUST HAVE WRITTEN APPROVAL BY CITY ENGINEER.

CLASS 'F' 'EXISTING STREETS BACKFILL SHALL BE USED IN AREAS WHERE ASPHALT PAVEMENT CONCRETE CURB, SIDEWALK, DRIVEWAY, GRAVEL SURFACING WILL BE REPLACED.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

BACKFILL– CLASS 'F'

APPROVED FOR PUBLICATION — City Engineer — Date 3/5/13 — DWG. NO. 1-7

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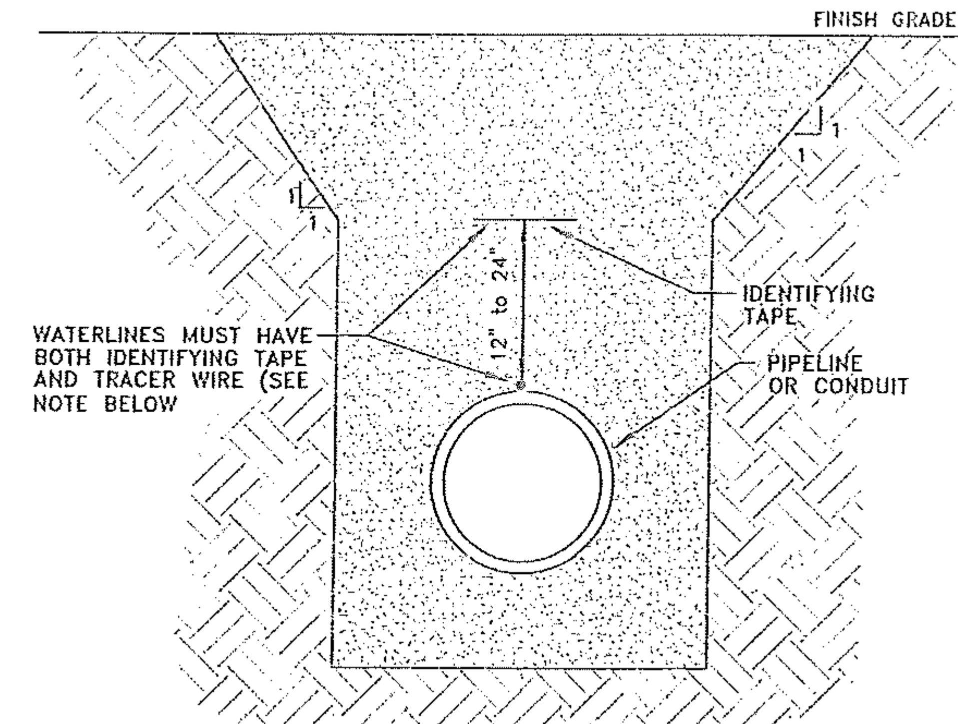

TYPE	COLOR	SIZE	DETECTABLE	IMPRINT
WATER	BLUE	3"	NO	CAUTION BURIED WATER LINE BELOW

NO. 12 AWG. COPPER TRACER WIRE INSULATED WITH 30 MIL OF HIGH DENSITY POLYETHYLENE (HDPE) CLASSIFIED AS HIGH MOLECULAR WEIGHT POLYETHYLENE (HMWPE) IN 500 FT REELS. WIRE SHALL BE ATTACHED TO WATERLINE AT INTERVALS NOT TO EXCEED 15 FT SEPARATION.

ALL SPLICES SHALL BE 3M DIRECT BURY SPLICE KIT DBR/Y-6 AND CONTRACTOR SHALL CONDUCT A CONDUCTIVITY TEST ON ALL LOCATING WIRE SPLICES.

TYPE	COLOR	SIZE	DETECTABLE	IMPRINT
STORM SEWER	GREEN	3"	NO	CAUTION BURIED STORM SEWER LINE BELOW
SANITARY SEWER	GREEN	3"	NO	CAUTION BURIED SEWER LINE BELOW
GAS	YELLOW	3"	NO	CAUTION BURIED GAS LINE BELOW
CABLE	ORANGE	3"	NO	CAUTION BURIED CABLE LINE BELOW
ELECTRICAL	RED	3"	NO	CAUTION BURIED ELECTRIC LINE BELOW

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

IDENTIFYING TAPE DETAIL

APPROVED FOR PUBLICATION — City Engineer — Date 3/11/11 — DWG. NO. 1-8

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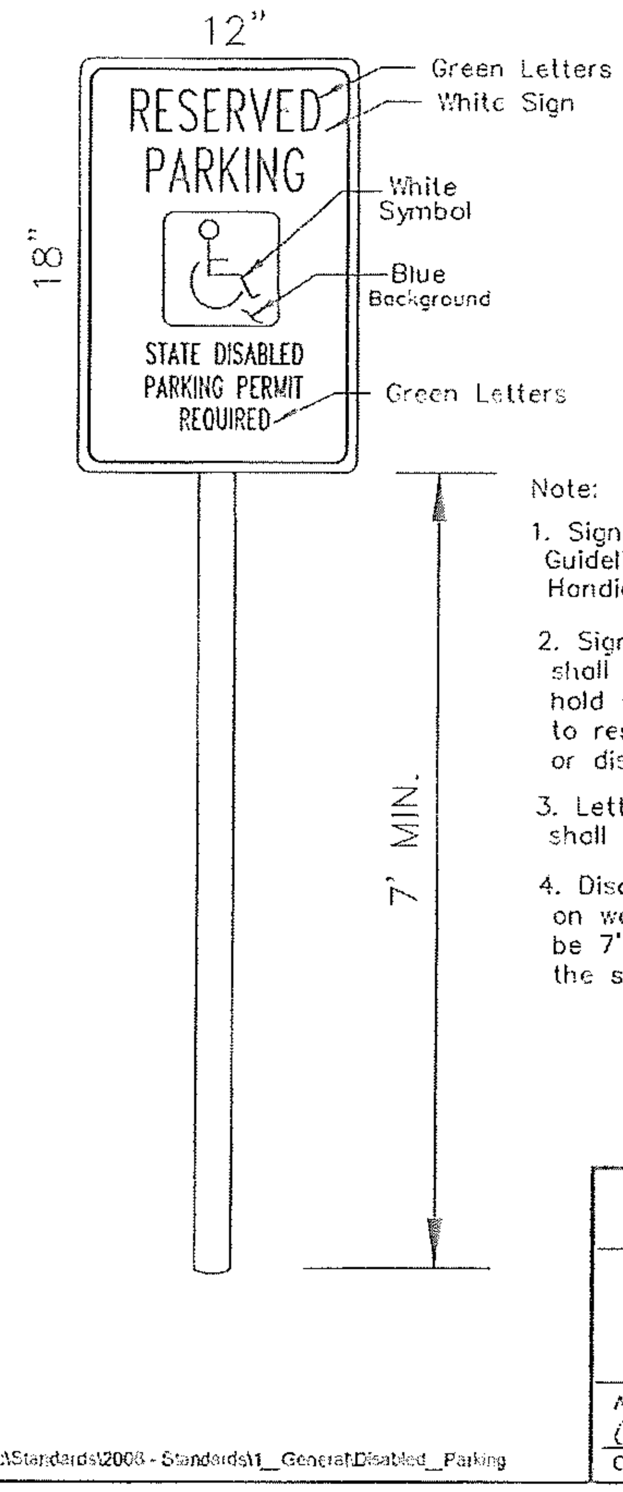


Note:

1. Sign follows the State Specific Guidelines for 12x18 Washington Handicapped Parking
2. Sign posts and their foundation shall be constructed as to hold signs in a proper position to resist swaying in the wind or displacement by vandalism.
3. Lettering & reflectorization shall conform to MUTCD
4. Disabled parking sign mounted on walls or buildings shall also be 7' min. to the bottom of the sign to finished grade.

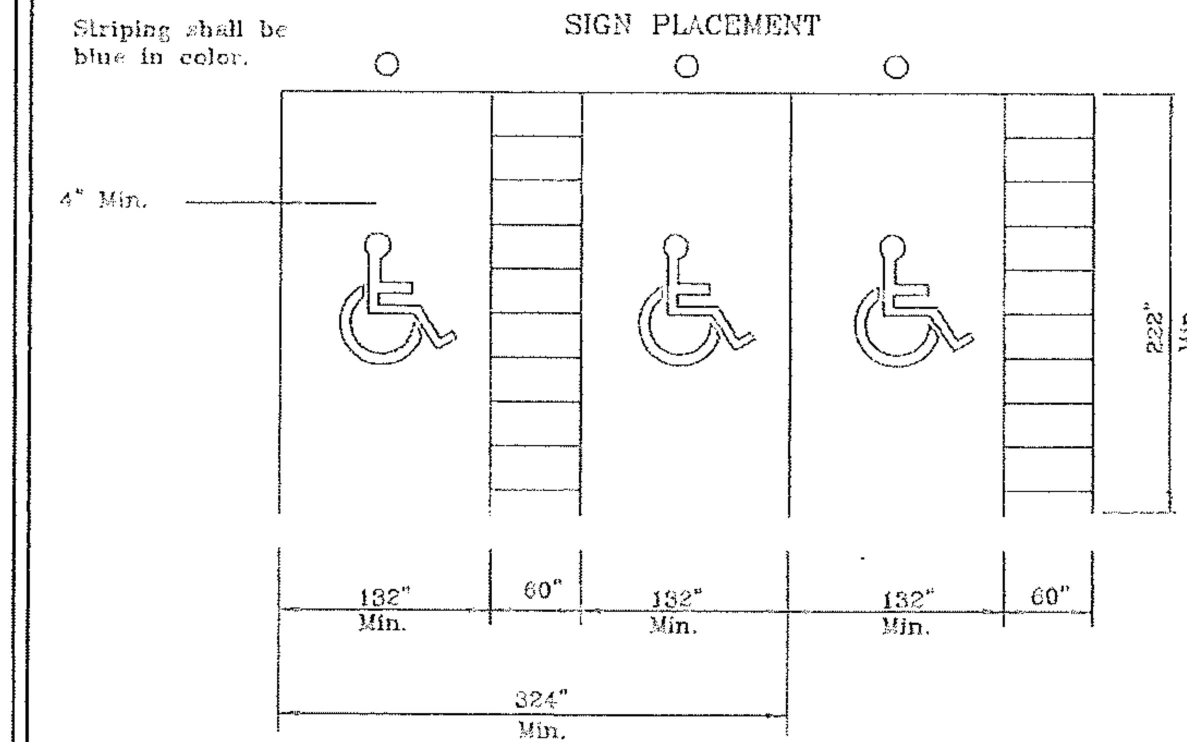
CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

DISABLED PARKING SIGN INSTALLATION

APPROVED FOR PUBLICATION — City Engineer — Date 2-5-07 — DWG. NO. 1-13

M:\Standards\2006 - Standards\1_General\Disabled_Parking

TYPICAL DISABLED PARKING STALL



Notes:

1. The international accessibility symbol as provided in section 49-410 Idaho Code shall be painted in each space.
2. Disabled parking stalls and access aisles shall not slope more than 2% in any direction.
3. If a curb ramp is required, it cannot project into the access aisle.
4. Each access aisle must connect directly to an accessible route.
5. Intent of this standard is to conform to ADA and ANSI requirements. These requirements shall take precedence over this standard.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

DISABLED PARKING STALLS

APPROVED FOR PUBLICATION — City Engineer — Date 2-5-07 — DWG. NO. 1-14

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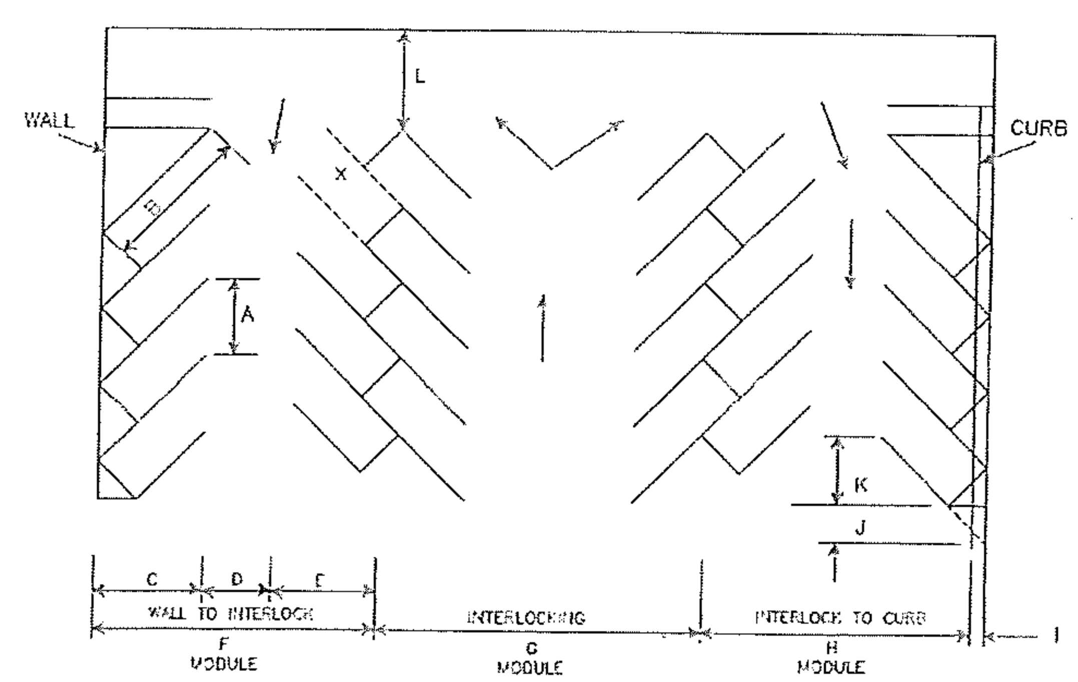

x= Stall not accessible in certain layouts
Parking layout dimension (in ft.) for 9' x 18.5' stalls at various angles.

Dimension	On diagram	45°	60°	75°	90°
Stall width, parallel to aisle	A	12.7	10.4	9.3	9.0
Stall length of line	B	27.5	23.7	20.9	18.5
Stall depth to wall	C	19.5	20.5	20.0	18.5
Aisle width between stall lines	D	12.0	16.0	23.0	26.0
Stall depth, interlock	E	16.5	18.5	18.5	18.5
Module, wall to interlock	F	48.0	55.0	62.0	63.0
Module, interlocking	G	45.0	53.0	61.0	63.0
Module, interlock to curb face	H	46.0	53.2	59.5	60.5
Bumper overhang (typical)	I	2.0	2.3	2.5	2.5
Offset	J	6.4	2.6	0.6	0.0
Setback	K	13.1	9.3	4.8	0.0
Cross aisle, one-way	L	14.0	14.0	14.0	14.0
Cross aisle, two-way	–	24.0	24.0	24.0	24.0

The minimum width of parking stalls is 9 ft., however the recommended stall width for high turnover parking lots is 10 ft. The inclusion of handicapped parking is required by City Code Sec. 37-148.

Parallel parking stalls shall be 8' wide x 23' long.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

PARKING LAYOUT DIMENSIONS

APPROVED FOR PUBLICATION — City Engineer — Date 2-5-07 — DWG. NO. 1-15

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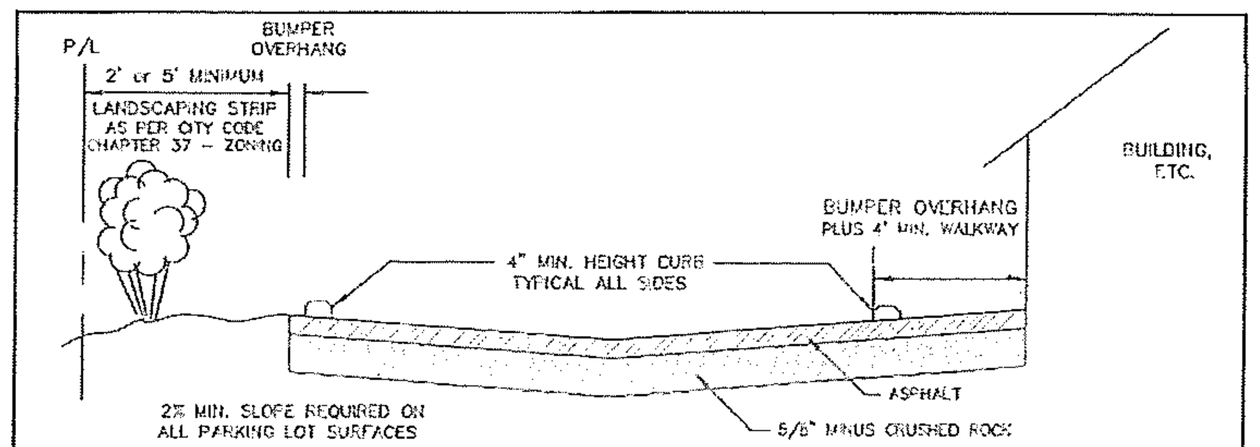

PARKING LOT USE	SURFACING DEPTHS * ASPHALT	ROCK
LIGHT– PARKING LOTS UP TO 85 STALLS NO HEAVY TRUCKS	2"	4"
MEDIUM– PARKING LOTS FROM 85-500 STALLS LESS THAN 10 HEAVY TRUCKS PER DAY	2"	6"
HEAVY– PARKING LOTS OVER 500 STALLS 10-20 HEAVY TRUCKS PER DAY	4"	4"
VERY HEAVY– 20-400 HEAVY TRUCKS PER DAY	4"	8"

(Heavy trucks are those with a gross weight exceeding 8,000 lb.)
* These are minimum surfacing depths for typical conditions. The owner is responsible for determining if greater depths are necessary. Surfacing depths less than minimum require engineering study and approval by City Engineer.

NOTES:

1. Concrete and brick pavers are acceptable surfacing materials for parking lots. Where special parking conditions occur, such as overflow or seasonal parking areas, other surfacing may be used when approved by the City Engineer.
2. See Standard #1-15 for parking layout and striping dimensions.
3. Sight obscuring fence, 5' to 6' in height, required when dwelling is adjacent to parking lot except where vision clearance is required.
4. Surface runoff must be directed to on site detention facilities as per city codes and standards. Drainage plan shall be subject to approval by City Engineer.
5. Root shields are recommended where shallow rooted, vigorous growth trees are located in planting strip to avoid pavement damage.
6. Work within public right-of-way shall be to city standards and requires a right-of-way work permit.
7. Landscaping plan shall be subject to design requirements of City Code Chapter 37, Zoning or approval by the Community Development Director.
8. In Industrial and Port Zones where gravel surfacing is permitted by code for parking and storage areas crushed rock with the following gradation shall be used:

SIEVE SIZE	% PASSING
1"	100
3/4"	90-100
No. 4	40-65
No. 8	30-50
No. 200	3-9

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

PARKING LOT SECTION

APPROVED FOR PUBLICATION — City Engineer — Date 2-5-07 — DWG. NO. 1-16

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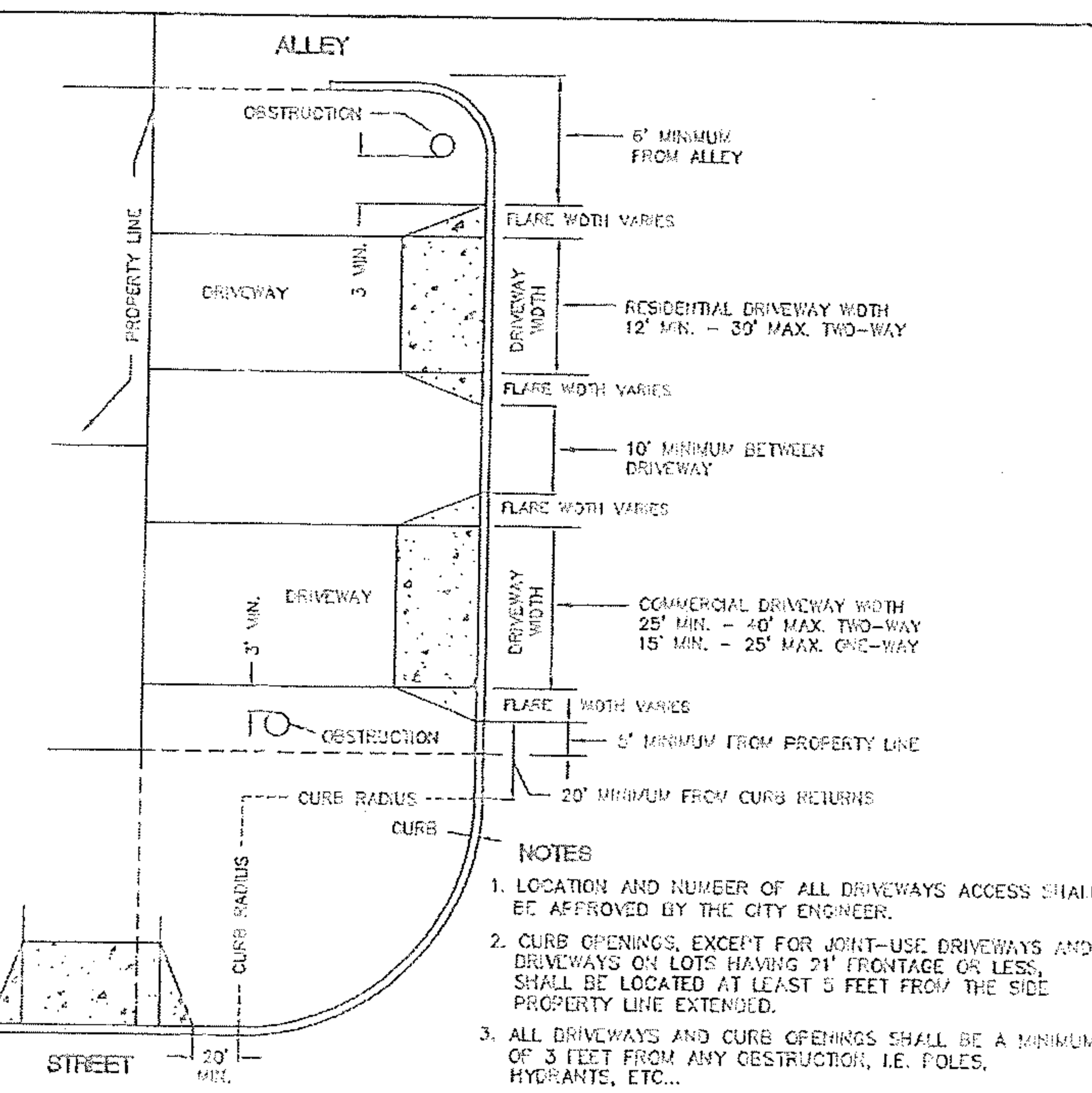

NOTES

1. LOCATION AND NUMBER OF ALL DRIVEWAYS ACCESS SHALL BE APPROVED BY THE CITY ENGINEER.
2. CURB OPENINGS, EXCEPT FOR JOINT-USE DRIVEWAYS AND DRIVEWAYS ON LOTS HAVING 21' FRONTAGE OR LESS, SHALL BE LOCATED AT LEAST 5 FEET FROM THE SIDE PROPERTY LINE EXTENDED.
3. ALL DRIVEWAYS AND CURB OPENINGS SHALL BE A MINIMUM OF 3 FEET FROM ANY OBSTRUCTION, I.E. POLES, HYDRANTS, ETC...
4. NO PORTION OF ANY DRIVEWAY SHALL BE ALLOWED ACROSS A PROPERTY LINE EXTENDED NORMAL TO THE ROADWAY FROM THE FRONT CORNER OF THE PROPERTY, EXCEPT THAT JOINT-USE DRIVEWAYS MAY BE PERMITTED IN SPECIAL INSTANCES WHERE WRITTEN APPROVAL OF BOTH PROPERTY OWNERS IS FILED WITH THE COUNTY RECORDER'S OFFICE.
5. APPROACH ALIGNMENT: APPROACH ANGLES OF LESS THAN 45° OR GREATER THAN 135° WILL NOT BE PERMITTED.
6. DRIVEWAYS MUST BE POSITIONED TO PRESERVE A CLEAR VIEW TRIANGLE OF 20 FEET ALONG THE PROPERTY LINE.
7. ON CORNER LOTS, DRIVEWAYS MUST BE ALONG THE PROPERTY LINE FURTHEST FROM THE INTERSECTION. LEAVE A TWO FOOT SPACE BETWEEN THE DRIVEWAY AND PROPERTY LINE FOR THE WATER METER.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

DRIVEWAY LOCATION & WIDTH REQUIREMENT

APPROVED FOR PUBLICATION — City Engineer — Date 2-5-07 — DWG. NO. 2-1

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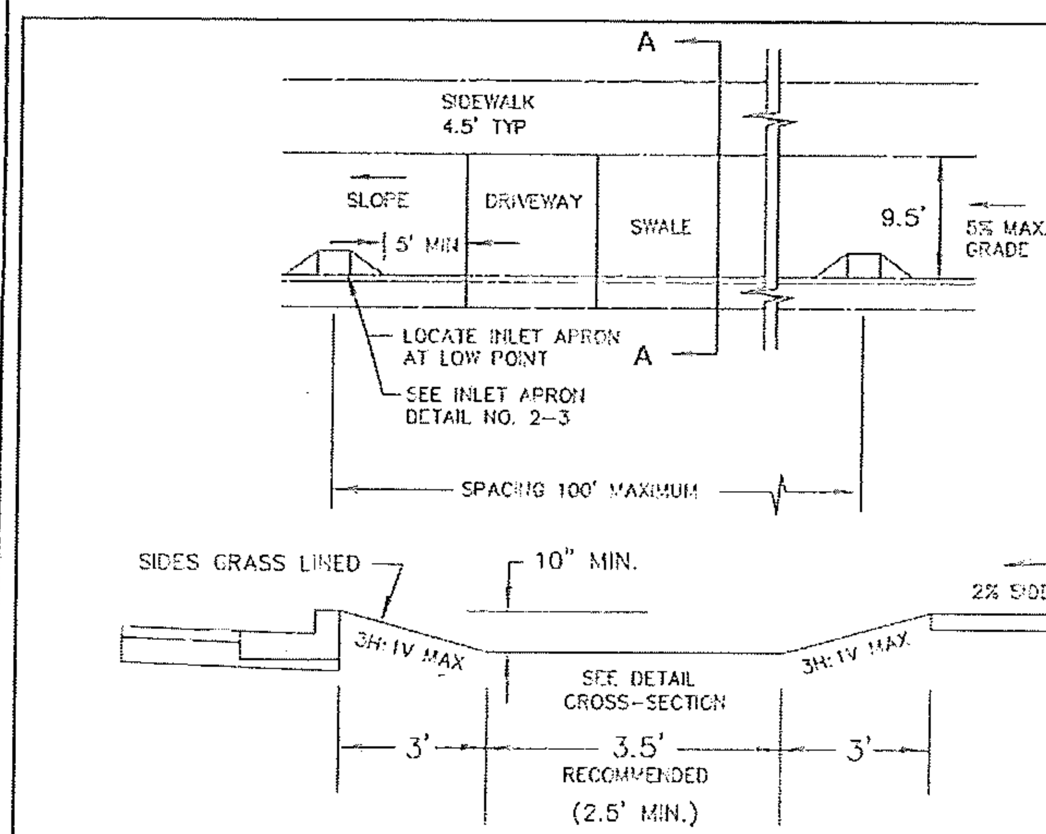
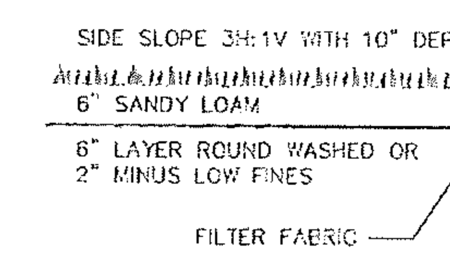


RETENTION SWALE DETAIL
SECTION 'A-A'



DETAIL CROSS-SECTION

NOTES:

1. SIDE SLOPES SHALL BE MAXIMUM OF 3H:1V
2. ALL SWALES SHALL HAVE A MINIMUM INFILTRATION RATE OF 0.5"/HR; GEOTECH REPORT IS REQUIRED TO INDICATE PERCOLATION WILL OCCUR WITHIN 48 HOURS.
3. SEE INLET APRON DETAIL DWG NO 2-3
4. INLET APRON SHALL BE INSTALLED AT THE SAME TIME AS DRIVEWAY APRON AND ON THE LOWER SIDE OF DRIVEWAY APRON.
5. ONLY ON CUL-DE-SAC ROADWAYS LESS THAN 5% (SEE CITY DETAIL NO. 3-?) THE WIDTH OF THE SWALE MAYBE REDUCED.
6. MAINTAIN 2% SLOPE THROUGH WIDTH OF THE SWALE FRONT OF THE SIDEWALK SHALL BE SET A MINIMUM OF 2" HIGHER THAN THE TOP OF CURB.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

RETENTION SWALE

APPROVED FOR PUBLICATION — City Engineer — Date 4/5/10 — DWG. NO. 2-2

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REV. LTR.	DATE	REVISION DESCRIPTION	CHECKED	APPD.

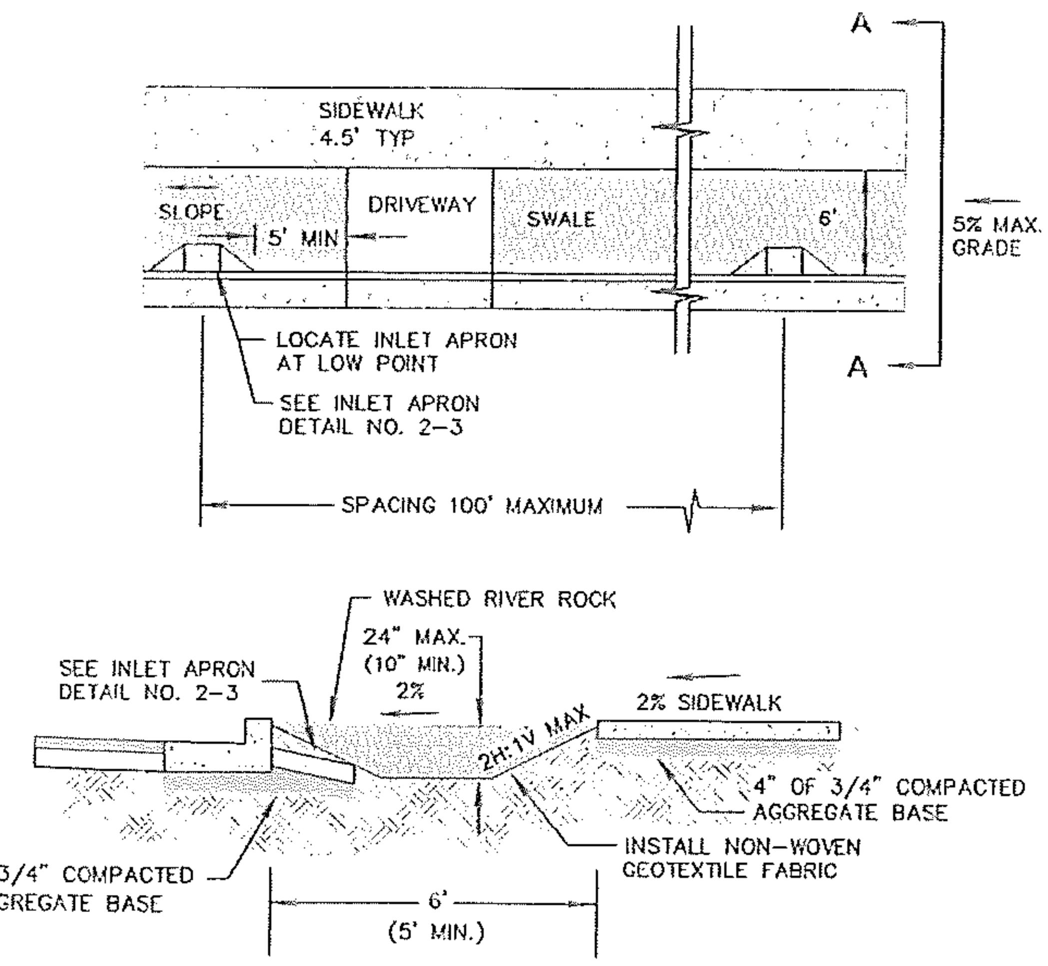
REGISTERED PROFESSIONAL ENGINEER / LAND SURVEYOR #2102 — 10/30/15

SCALE	SHEET SIZE D
DRAWN BY MEE	CHECKED BY JSH
DATE 10-30-15	JOB # 1516
SHEET C8	DRAWING # 1516-C8

THE IDAHOFOOD BANK WAREHOUSE
LEWISTON FACILITY
10TH ST & LINDEN AVE
STANDARD DETAILS
LEWISTON, IDAHO

HEDCO
HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE, LEWISTON, IDAHO 83501
(208) 798-5422

SHEET C8



RETENTION SWALE DETAIL

SECTION 'A-A'

NOTES:
1. SIDE SLOPES SHALL BE 2H:1V (MAX)
2. ALL SWALES SHALL HAVE A MINIMUM INFILTRATION RATE OF 0.5"/HR; GEOTECH REPORT IS REQUIRED TO INDICATE PERCOLATION WILL OCCUR WITHIN 48 HOURS.
3. SEE INLET APRON DETAIL DWG NO. 2-3
4. INLET APRON SHALL BE INSTALLED AT THE SAME TIME AS DRIVEWAY APRON AND ON THE LOWER SIDE OF DRIVEWAY APRON.
5. FRONT OF SIDEWALK SHALL BE 0.12' HIGHER THAN TOP OF CURB.
6. DEPTH OF WASHED RIVER ROCK AREA SHALL BE DETERMINED BY THE STORAGE NEEDS OF THE ADJACENT ROADWAY.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

NARROW RETENTION SWALE

APPROVED FOR PUBLICATION ... 1/14/11 City Engineer Date — DWG. NO. 2-2A

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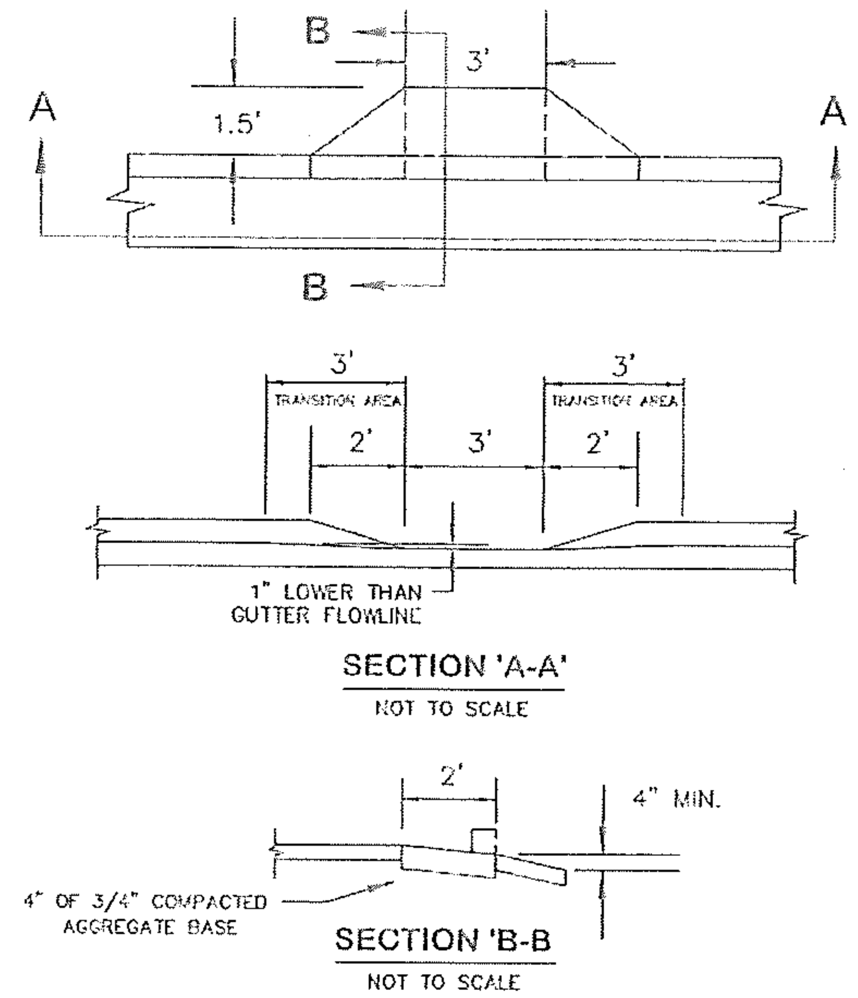

NOTES:
1. SET APRON ENTRANCE 1" LOWER THAN PROPOSED FLOWLINE TO ENSURE POSITIVE DRAINAGE INTO CATCH BASIN. CURB FLOWLINE SHALL BE TRANSITION TO 3' ON EACH SIDE OF INLET APRON TO ADJUST FOR 1" DROP. GUTTER LIP AND TOP OF CURB ARE NOT TO BE DEPRESSED.
2. NOT TO BE USED WHEN BUILDING ELEVATION IS LOWER THAN THE EXISTING CENTERLINE ELEVATION OF THE ADJACENT ROADWAY.
3. APRON TO SLOPE TO BOTTOM OF SWALE.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

INLET APRON

APPROVED FOR PUBLICATION ... 6/8/10 City Engineer Date — DWG. NO. 2-3

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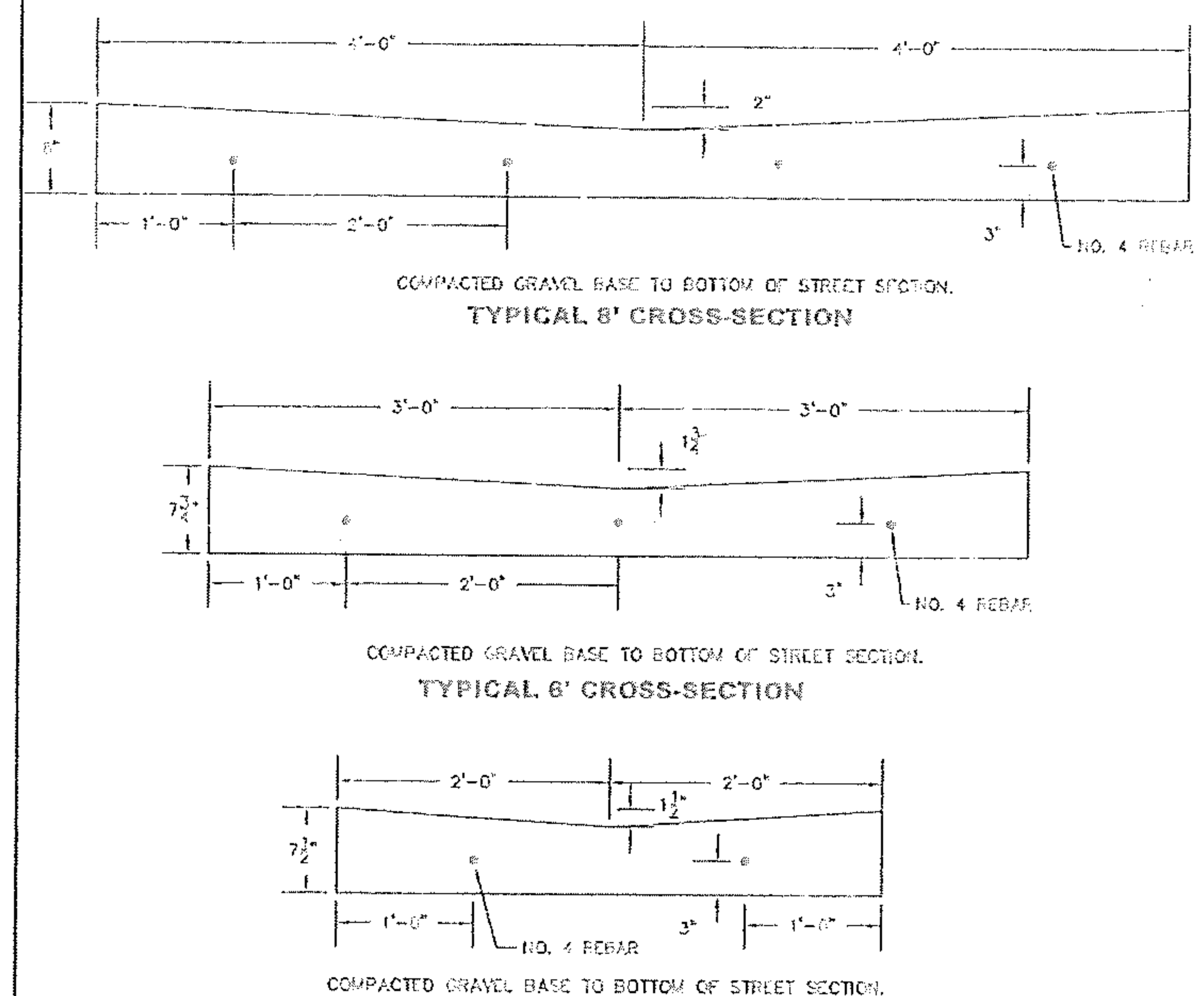

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

VALLEY GUTTER

APPROVED FOR PUBLICATION ... 2-5-09 City Engineer Date — DWG. NO. 2-4

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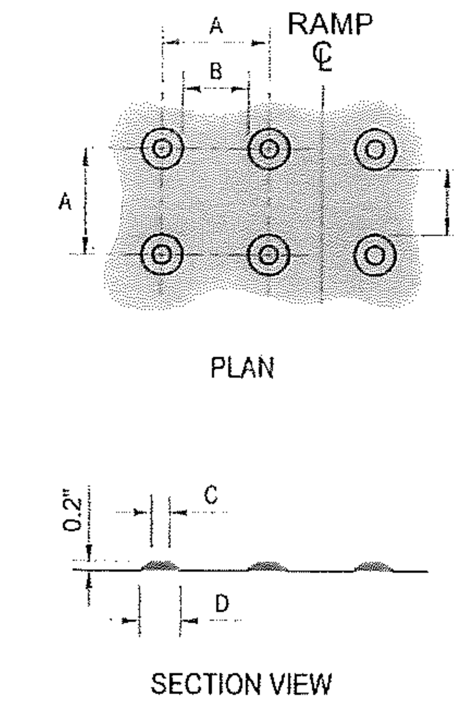

	MIN.	MAX.
A	1.6"	2.4"
B	.65"	1.5"
C	50% -65% OF BASE DIA.	
D	.9"	1.4"

THIS PATTERN AREA SHALL BE YELLOW IN COLOR

Notes:
1. Detectable truncated-dome warning, 2 ft wide, must be provided for the full width of ramps and blended connections to mark the street edge and fully approved by current ADA requirements.
2. At least one corner of the detectable warning panel shall be coincident to the back of curb

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

DETECTABLE WARNING FOR PEDESTRIAN ACCESS

APPROVED FOR PUBLICATION ... 9/1/10 City Engineer Date — DWG. NO. 2-5

\Standards\2010-Standards\2-Concrete\Detectable Dome.dwg

GENERAL NOTES FOR ALL TYPES OF CURB AND GUTTER

1. SECURE A PERMIT FOR CONSTRUCTION, BEFORE BEGINNING CONSTRUCTION IN PUBLIC RIGHT-OF-WAY.
2. GRADE, ALIGNMENT AND CURB TYPE SHALL BE AS APPROVED BY THE CITY ENGINEER.
3. ALIGNMENT AND GRADE STAKED TO LIP OF GUTTER (LIP) SHALL BE ESTABLISHED OR APPROVED BY THE CITY ENGINEER.
4. THE TOLERANCE FOR FINISHED CURB AND GUTTER – MAX. VARIATION OF SURFACE FLATNESS: 1/4 INCH IN 10 FEET MAX. VARIATION FROM TRUE POSITION (DESIGN GRADE): 1/2 INCH
5. BASE MATERIAL SHALL BE 4" OF 3/4 INCH MINUS [CURRENT ITD SPEC 703.04] OR 5/8 INCH MINUS [CURRENT WDOT/M41-10 SPEC 9-03.9] CRUSHED AGGREGATE BASE MATERIAL COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY MODIFIED PROCTOR AS PER AASHTO T180. ALL FILL OR BACKFILL AREAS SHALL BE PLACED IN 6" TO 8" MAXIMUM LIFTS. IN AREAS OF SMALL PROJECTS, LIMITED HEAVY TRUCK TRAFFIC OR WHERE COMPACTION EQUIPMENT HAS LIMITED ACCESS A REDUCED % COMPACTION MAY BE ALLOWED WITH WRITTEN APPROVAL FROM PUBLIC WORK DIRECTOR.
6. CONCRETE SHALL BE 3,000 PSI MINIMUM AT 28 DAYS, MAXIMUM WATER/CEMENT RATIO SHALL BE 0.5 (LB/LB), 5" MAX. SLUMP, AIR CONTENT (%) 6.5 ±1.5.
7. DUMMY JOINTS AT 10 FOOT INTERVALS AND AT CURB RADII, 3/4" TO 1" DEEP. CONSTRUCTION JOINTS LOCATIONS AS DIRECTED BY CITY ENGINEER. DIFFERENTIAL ELEVATION BETWEEN ADJACENT SECTIONS SHALL NOT EXCEED 1/4".
8. THE CONTRACTOR ARE REQUIRED BY THE PUBLIC WORKS DEPARTMENT TO MARK STUB-OUTS AND VALVES IN THE UNCURED CONCRETE.
9. THE CONTRACTOR OR OWNER SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT FOR INSPECTION AFTER THE FORMS ARE SET AND THE PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED NO LESS THAN 2 WORKING DAYS BEFORE PLACEMENT OF CONCRETE FOR A FINAL INSPECTION. FAILURE TO NOTIFY THE PUBLIC WORKS DEPARTMENT IS GROUNDS FOR REJECTION OF CURB AND GUTTER.
10. CONCRETE SURFACE TO HAVE A LIGHT BROOM FINISH PARALLEL WITH THE LENGTH OF THE CURB.
11. APPLY UNIFORM COAT OF REZ-SEAL OR APPROVED EQUIVALENT CURING COMPOUND TO EXPOSED CONCRETE IMMEDIATELY AFTER FINISHING..
12. ROLLED CURB AND GUTTER SHALL NOT BE USED:
    A. ON STREETS IN COMMERCIAL AND INDUSTRIAL ZONED AREAS.
    B. ON STREETS WITH LONGITUDINAL (LENGTHWISE) GRADES IN EXCESS OF 6%
    C. ON ANY ARTERIAL OR COLLECTOR
    D. WITHOUT PRIOR APPROVAL OF THE CITY ENGINEER.
    E. WHEN SIDEWALK IS LOCATED AT THE BACK OF CURB.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

GENERAL NOTES FOR ALL TYPES OF CURB AND GUTTER

APPROVED FOR PUBLICATION ... City Engineer Date — DWG. NO. 2-6

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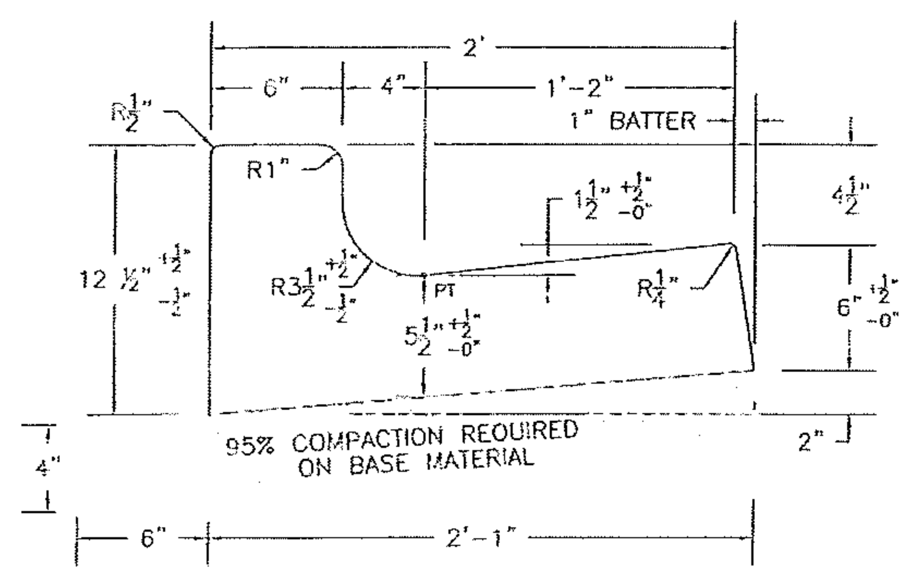
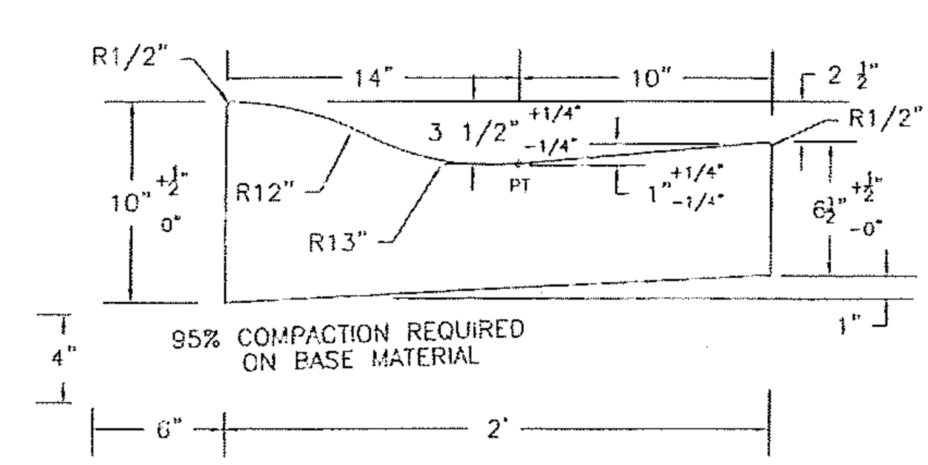


HIGH BACK CURB & GUTTER



ROLLED CURB & GUTTER

ALL TOLERANCES ARE ±1/4" UNLESS OTHERWISE NOTED

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

HIGH BACK CURB & GUTTER
ROLLED CURB & GUTTER

APPROVED FOR PUBLICATION ... 2-5-09 City Engineer Date — DWG. NO. 2-7

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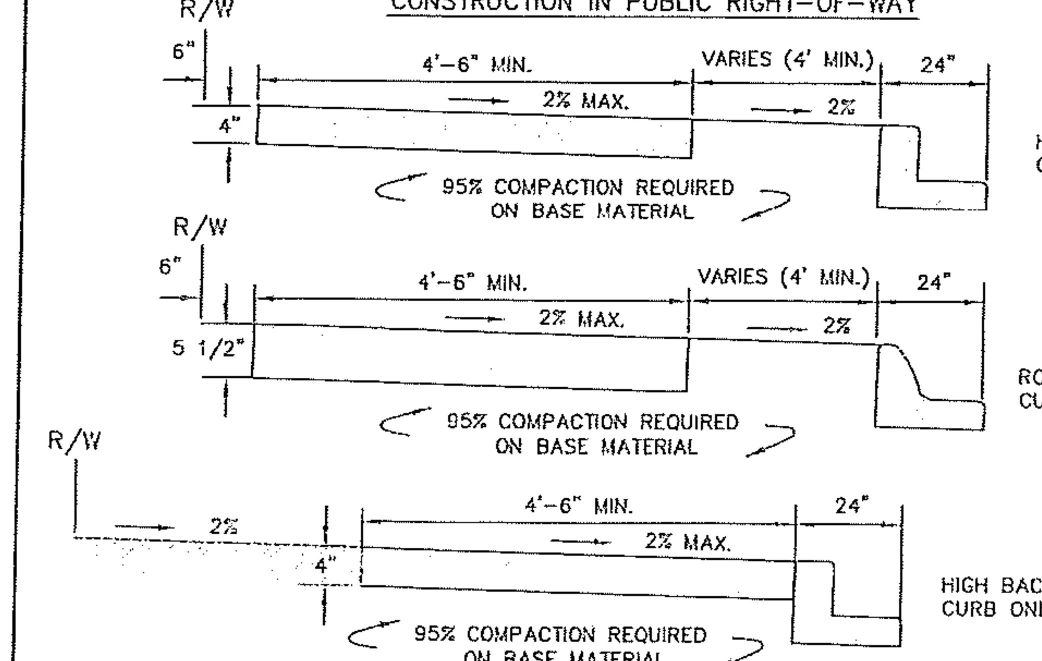
SECURE A PERMIT FOR CONSTRUCTION, BEFORE BEGINNING CONSTRUCTION IN PUBLIC RIGHT-OF-WAY



GENERAL NOTES FOR ALL SIDEWALK:

1. LINE AND GRADE STAKED T.S., TOP OF SIDEWALK, B.S., BACK OF SIDEWALK.
2. GRADE AND ALIGNMENT TO BE APPROVED BY THE CITY ENGINEER.
3. THE TOLERANCE FOR FINISHED SIDEWALK – MAX. VARIATION OF SURFACE FLATNESS: 1/4 INCH IN 10 FEET MAX. VARIATION FROM TRUE POSITION (DESIGN GRADE): 1/2 INCH NO PONDING IS ALLOWED ON SIDEWALKS, STEPS OR PEDESTRIAN RAMPS.
4. BASE MATERIAL SHALL BE 4" OF 3/4" MINUS [CURRENT ITD SPEC 703.04] OR 5/8" MINUS [CURRENT WDOT/M41-10 SPEC 9-03.9] CRUSHED AGGREGATE BASE MATERIAL COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY MODIFIED PROCTOR AS PER AASHTO T180. ALL FILLS OR BACKFILL AREAS SHALL BE PLACED IN 6" MAX. LIFTS.
5. CONTRACTION/DUMMY JOINTS SHALL BE PLACED AT 5' INTERVALS, 3/4" TO 1" DEEP; INSTALL A PERFORMED EXPANSION JOINT FILLER TO THE FULL DEPTH & WIDTH EVERY 100 FEET.
6. CONCRETE SHALL BE 3,000 PSI MIN. AT 28 DAYS, MAX. WATER/CEMENT RATIO SHALL BE 0.5 (LB.LB), 5" MAX. SLUMP, AIR CONTENT (%) 6.5 ±1.5.
7. THE CONTRACTOR OR OWNER SHALL NOTIFY THE PUBLIC WORKS DEPT. FOR INSPECTION OF BASE MATERIAL AFTER FORMS ARE SET AND THE PUBLIC WORKS DEPT. WILL BE NOTIFIED NO LESS THAN 2 WORKING DAYS BEFORE PLACEMENT OF CONCRETE, FOR FINAL INSPECTION.
8. CONCRETE SURFACE SHALL HAVE LIGHT BROOM FINISH PERPENDICULAR TO LENGTH OF S/W.
9. APPLY UNIFORM COAT OF REZ-SEAL OR APPROVED EQUIVALENT CURING COMPOUND TO EXPOSED CONCRETE IMMEDIATELY AFTER FINISHING.
10. NAME OF CONTRACTOR AND YEAR TO BE STAMPED AT EACH END OF WORK AND AT INTERVALS OF 300 FT.
11. CONCRETE SURFACE SHALL BE FREE OF SURFACE BLEMISHES OR VOIDS GREATER THAN 1/4". JOINTS AND EDGES SHALL BE CLEAN AND FREE OF EXCESS SPALLING OR VOIDS.
12. A 6" STRIP TO BE LOCATED BETWEEN RIGHT-OF-WAY LINE AND SIDEWALK FOR PLACEMENT OF PROPERTY PINS WHEN PLANTING STRIP OR RETENTION SWALES ARE PLACED BEHIND CURB AND GUTTER.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

CONCRETE SIDEWALK

APPROVED FOR PUBLICATION ... City Engineer Date — DWG. NO. 2-8

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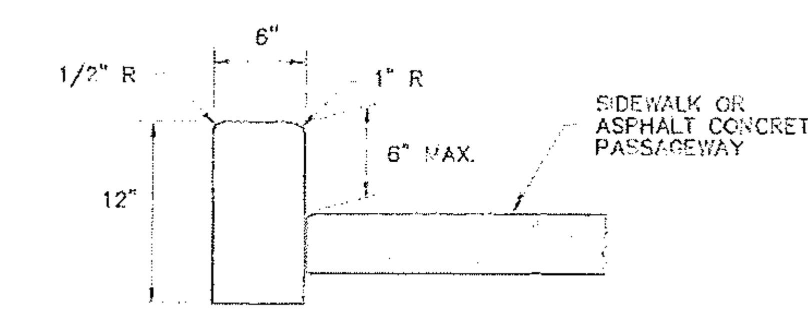
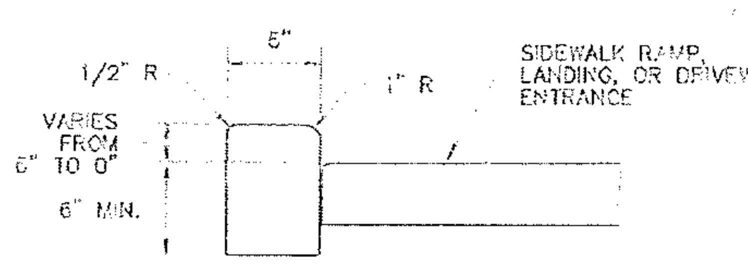
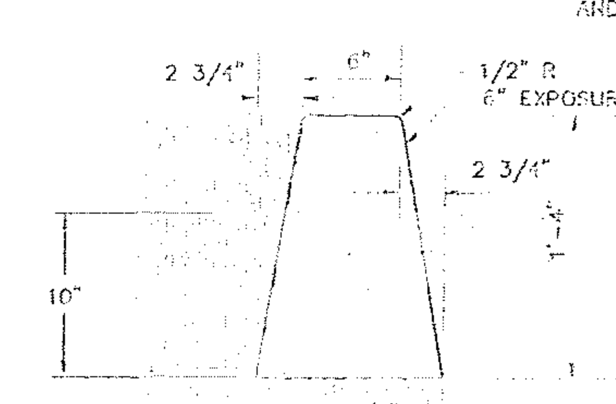


PEDESTRIAN CURB



PEDESTRIAN CURB

AT SIDEWALK RAMPS & LANDINGS, AND DRIVEWAY ENTRANCES



TYPE 'A' CURB

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

PEDESTRIAN CURB AND TYPE 'A' CURB

APPROVED FOR PUBLICATION ... 2-5-09 City Engineer Date — DWG. NO. 2-9

REV LTR	DATE	REVISION DESCRIPTION	CHECKED	APP'D.

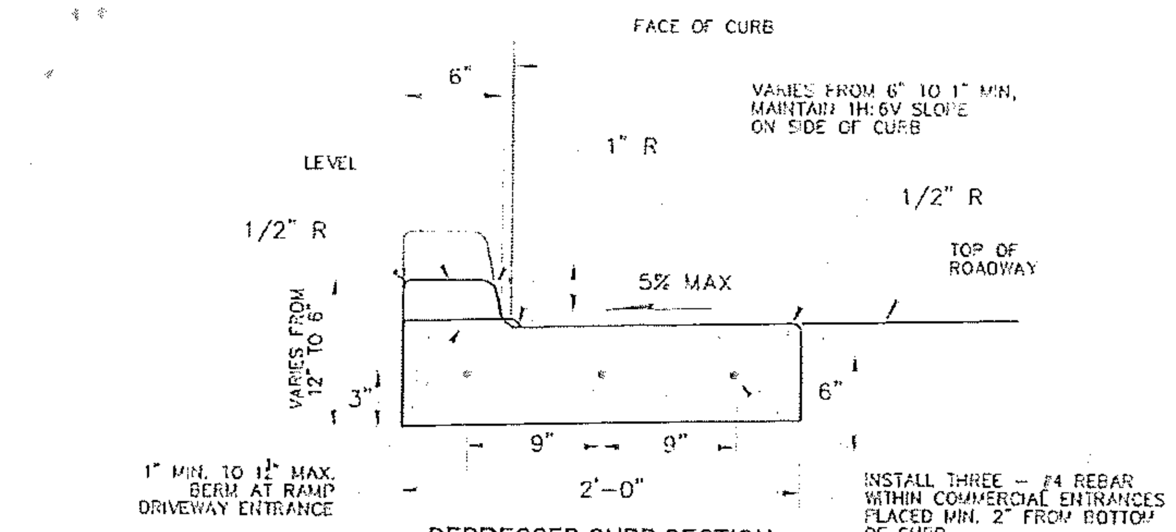
REGISTERED PROFESSIONAL LAND SURVEYOR ENGINEER #2102 STATE OF IDAHO 10/30/15

SCALE	SHEET SIZE D
DRAWN BY MEE	CHECKED BY JSH
DATE 10-30-15	JOB # 1516
SHEET C9	
DRAWING # 1516-C9	

THE IDAHOFOOD BANK WAREHOUSE LEWISTON FACILITY 10TH ST & LINDEN AVE STANDARD DETAILS LEWISTON, IDAHO

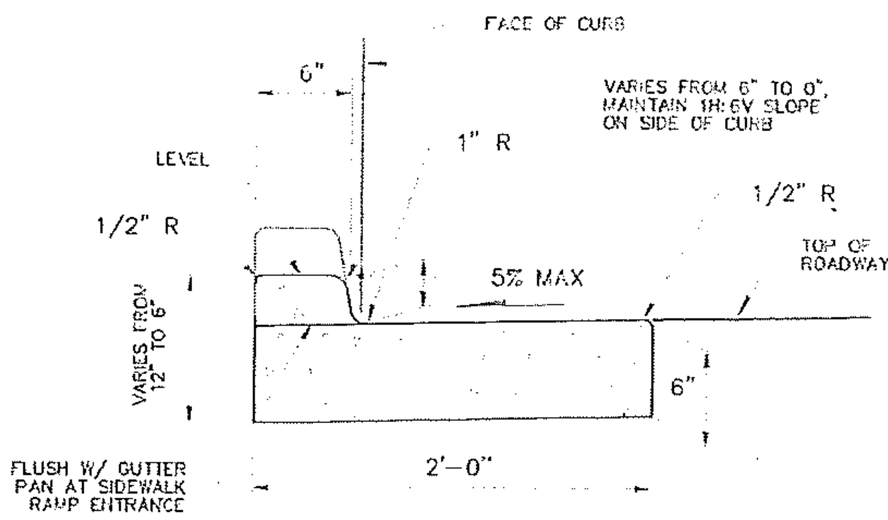
HEDCO
HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE LEWISTON, IDAHO 83501
(208) 798-5422

SHEET C9



DEPRESSED CURB SECTION

AT DRIVEWAY ENTRANCES



DEPRESSED CURB SECTION

AT SIDEWALK RAMPS

CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT	
DEPRESSED CURB SECTION	
APPROVED FOR PUBLICATION City Engineer Date	DWG. NO. 2-10

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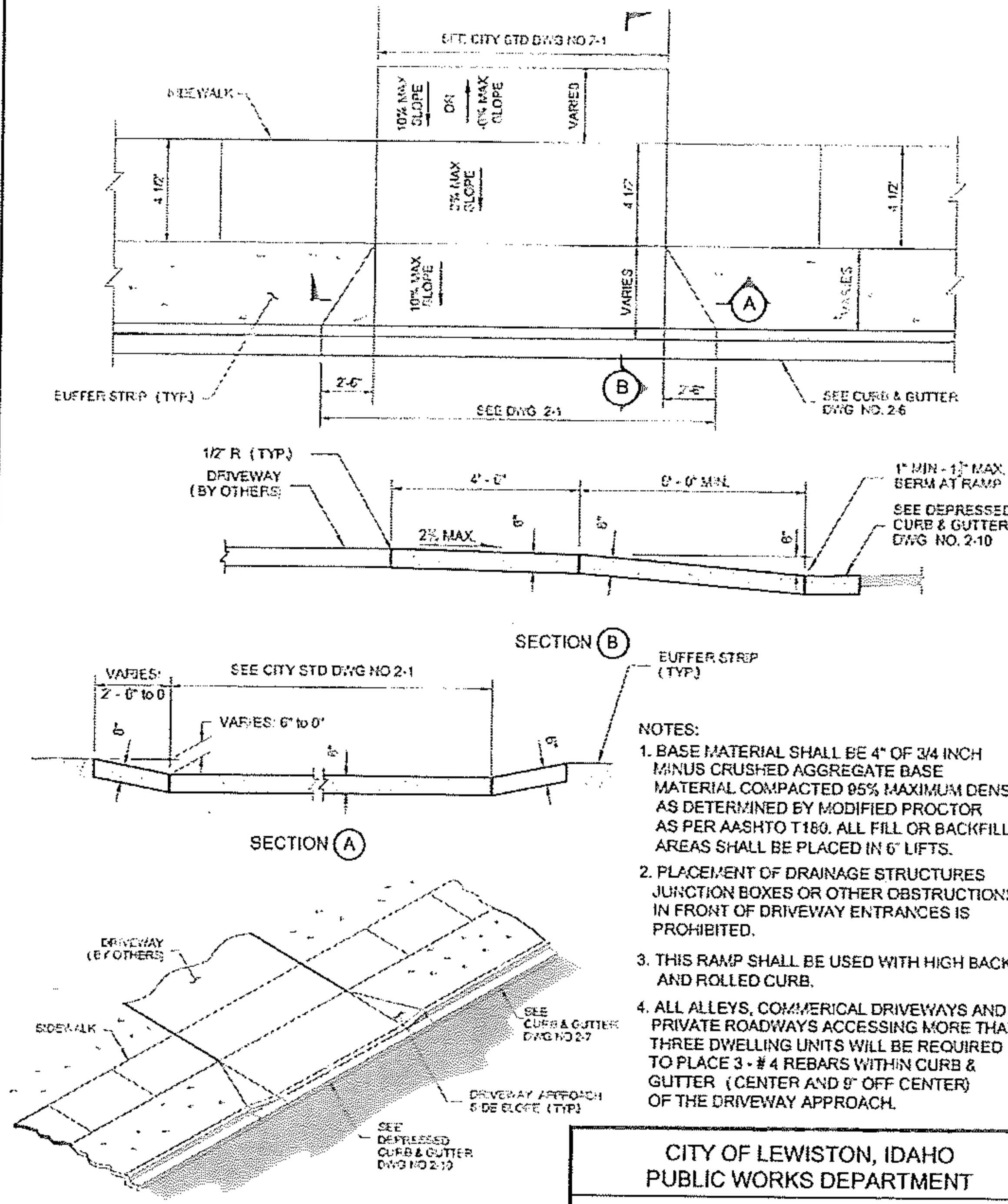

NOTES:

1. BASE MATERIAL SHALL BE 4" OF 3/4 INCH MINUS CRUSHED AGGREGATE BASE MATERIAL COMPACTED 95% MAXIMUM DENSITY AS DETERMINED BY MODIFIED PROCTOR AS PER AASHTO T180. ALL FILL OR BACKFILL AREAS SHALL BE PLACED IN 6" LIFTS.
2. PLACEMENT OF DRAINAGE STRUCTURES JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF DRIVEWAY ENTRANCES IS PROHIBITED.
3. THIS RAMP SHALL BE USED WITH HIGH BACK AND ROLLED CURB.
4. ALL ALLEYS, COMMERICAL DRIVEWAYS AND PRIVATE ROADWAYS ACCESSING MORE THAN THREE DWELLING UNITS WILL BE REQUIRED TO PLACE 3 - # 4 REBARS WITHIN CURB & GUTTER (CENTER AND 9" OFF CENTER) OF THE DRIVEWAY APPROACH.

CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT	
DRIVEWAY APPROACH SPLIT APRON SIDEWALK	
APPROVED FOR PUBLICATION City Engineer Date	DWG. NO. 2-16

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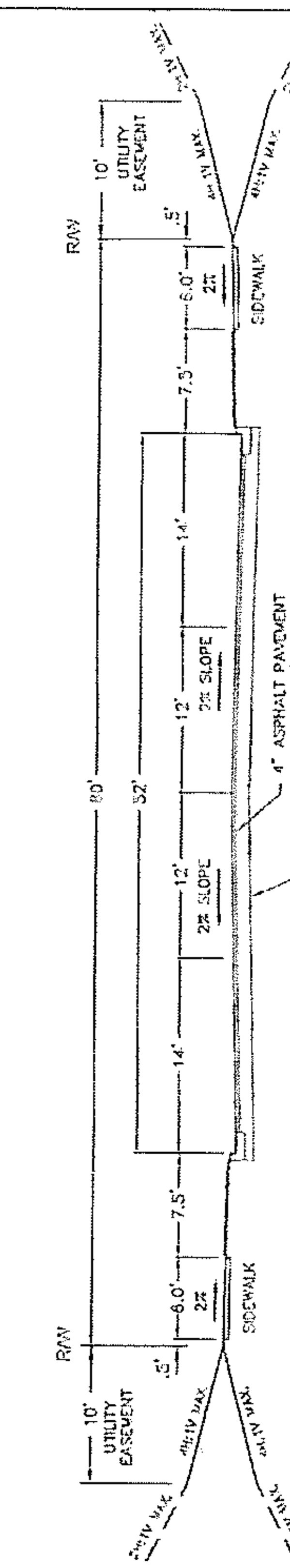
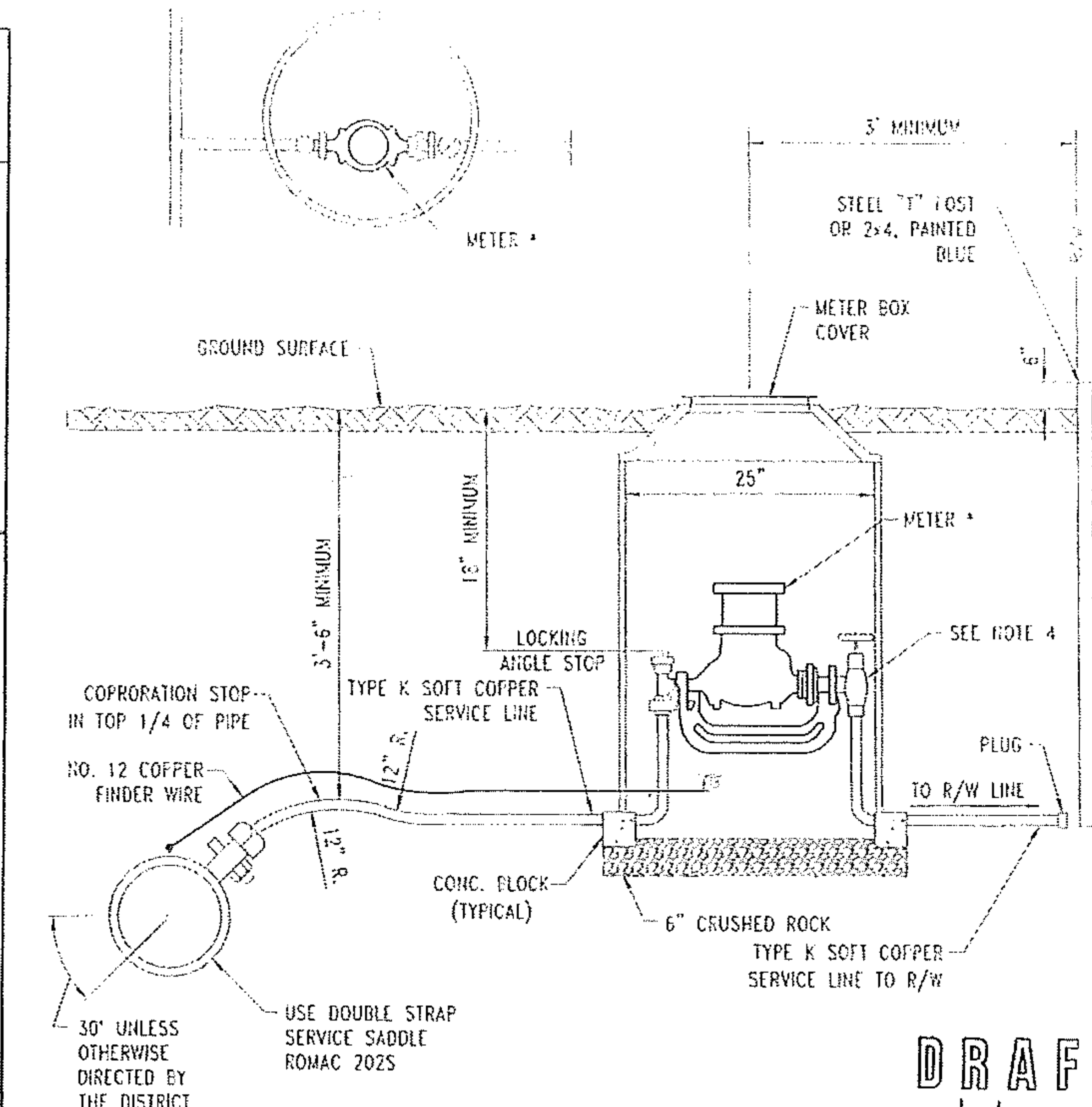


NOTES:

1. 80' RIGHT OF WAY WIDTH
2. 8% MAX. GRADE
3. 500 FT. CENTERLINE RADIUS (MIN.)
4. INSTALL HIGH BACK CURB & GUTTER ONLY
5. DESIGN ENGINEER MUST ACCOUNT FOR TRUCK TRAILER OFF TRACKING ON CURVES. STREETS WIDTH AND/OR RIGHT-OF-WAY WIDTH MAY NEED TO BE INCREASED.
6. ADDITIONAL RIGHT-OF-WAY AT INTERSECTIONS MAY BE NEEDED TO ALLOW FOR TURNING LANE.
7. CITY ENGINEER MAY REQUIRE SOIL TEST AND/OR GEOTECHNICAL ENGINEERING EVALUATION TO VERIFY LOAD BEARING CAPACITY OF SUBGRADE.
8. ADD 10' OF PAVEMENT WIDTH & RIGHT-OF-WAY WIDTH (5' EACH SIDE OF CENTERLINE WHEN BIKE LANES ARE REQUIRED)
9. TRAFFIC CALMING AND ENTRANCE FEATURES SHALL BE EVALUATED ON A CASE BY CASE BASIS; FINAL APPROVAL SHALL BE BY CITY ENGINEER.
10. ALTERNATE CROSS-SECTION: FOUR - 12' TRAVEL LANES WITH 4' CENTER MEDIAN OR TWO - 14' TRAVEL LANES, ONE 12' TURN LANE AND TWO - 6' BIKE LANES.
11. ASPHALT PAVEMENT MAYBE WATER TESTED FOR PROPER DRAINAGE PRIOR TO FINAL APPROVAL.
12. CITY ENGINEER MAY REQUIRE CORING OF THE ASPHALT PAVEMENT TO VERIFY PAVEMENT THICKNESS OR DENSITY.
13. ANY VARIATION TO PROPOSED ROAD CROSS-SECTION MUST HAVE WRITTEN APPROVAL FROM CITY ENGINEER.
14. ALL TREE AND UTILITY PLACEMENT MUST MEET DWG NO 1-1.
15. A 0.5' STRIP TO BE LOCATED BEHIND THE SIDEWALK FOR PLACEMENT OF PROPERTY PINS.

CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT	
MINOR ARTERIAL	
APPROVED FOR PUBLICATION City Engineer Date	DWG. NO. 3-14



DRAFT
1/12/07 CZS

*METER FOR DOMESTIC HOOKUPS SHALL BE 3/4", WITH 3/4" MINIMUM SERVICE PIPE.

NOTES

1. METERS SHALL BE POSITIONED OFF OF TRAVELED ROADWAY AREAS TO ENSURE ACCESS TO MAINTENANCE PERSONNEL.
2. CROSS CONNECTION CONTROL DEVICES SHALL BE INSTALLED AS REQUIRED BY OTHER SECTIONS OF THESE SPECIFICATIONS.
3. ALL SOFT COPPER CONNECTIONS SHALL BE AWWA FLARE. COMPRESSION PACK JOINT NOT ACCEPTABLE.
4. METER BOX BRASS FITTINGS SHALL BE FORD PRODUCTS:
   - INLET VALVE AV-92-XXXW SERIES
   - HOSE Y-502, Y-503, Y-504
   - OUTLET VALVE GA-91 SERIES
   - CHECK VALVE HS-81 SERIES

J-U-B

METER INSTALLATION

LEWISTON ORCHARDS IRRIGATION DISTRICT
LEWISTON, IDAHO

DATE	DRAWN BY	STANDARD DETAIL NO	REV.
		STANDARD DETAIL NO	0

REV. LTR	DATE	REVISION DESCRIPTION	CHECKED	APPD.

REGISTERED PROFESSIONAL ENGINEER / LAND SURVEYOR #2102 STATE OF IDAHO SHAMION 10/30/15

SCALE	SHEET SIZE D
DRAWN BY MEE	CHECKED BY JSH
DATE 10-30-15	JOB # 1516
SHEET C10	
DRAWING # 1516-C10	

THE IDAHOFOOD BANK WAREHOUSE
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SHEET
C10