

**NEPHI CITY POLICY
OVERHEAD RESIDENTIAL ELECTRIC SERVICE
REQUIREMENTS**

1. Installation is to be in accordance with the latest edition of the NATIONAL ELECTRIC CODE.
2. Meter base is to be located within 10 feet of the front (street side) of the structure.
3. Locate the meter base a minimum of 3 feet horizontally from gas meter.
4. Avoid meter base installations near bedroom or bathroom windows.
5. Never install meter base over window wells, steps, or other unsafe or inconvenient locations.
6. The center of the meter socket is to be a minimum of 4 feet, and a maximum of 6 feet, from finished grade immediately in front of meter base.
7. There must be minimum free working space of 12 inches to the sides and 36 inches in front of meter base.
8. Service mast is to be 2-inch Galvanized Rigid Conduit.
9. The service entrance conductors are to extend a minimum of 24 inches out of the weather head.
10. Temporary service will be disconnected at the time permanent service is connected.

If you have any questions about these requirements, contact the Nephi City Power Department @ 623-0276.

NEPHI CITY POWER
UNDERGROUND RESIDENTIAL ELECTRIC SERVICE
REQUIREMENTS

Call Blue Stakes before digging.

It's the law.

811 or 1-800-662-4111

1. Installation is to be in accordance with the latest edition of the NATIONAL ELECTRIC CODE.
2. The meter base is to be located within 10 feet of the front (street side) of the structure.
3. Locate the meter base a minimum of 3 feet horizontally from the gas meter.
4. Never install meter base over window wells, steps, or other unsafe or inconvenient locations.
5. Center of meter socket is to be a minimum of 4 feet, and a maximum of 6 feet from finished grade immediately in front of meter base.
6. Avoid meter base installations near bedroom or bathroom windows.
7. There must be a minimum free working space of 12 inches to the sides and 36 inches in front of meter base.
8. Riser conduit is to be 2-inch GRC or IMC for services up to 200 amps. For larger services, contact the Power Department.
9. No bends are allowed in the conduit riser between the meter base and the underground elbow.
10. A sleeve is required where riser conduit passes thru pavement.
11. The riser conduit is to be firmly attached to the foundation above finished grade with two separate unistruts and 1/2 inch diameter concrete wedge anchors.
12. Elbows are to be regular-sweep GRC.
13. No more than 180 degrees of total bends are allowed.

Continued on back

14. Buried conduit is to be 2-inch schedule 40 PVC for services up to 200 amps. For larger services, contact the Power Department.
15. A pull line or poly rope capable of withstanding 400 pounds tensile strength is to be installed in the conduit after glue has dried.
16. The trench is to be a minimum of 30-inches from finished grade. Do not radius trench.
17. Dig trench to the edge of utility equipment where service will feed from and run conduit to this point. Leave trench open for 6 feet from utility equipment. Nephi City will install an elbow at this point. Contact the Power Department for point of entry into utility equipment.
18. Backfill material is to be free of rocks, stones, or objects larger than 2 inches in diameter.
19. Trench must be backfilled before service is connected.
20. Nephi City will provide and install cable and connect the service.
21. The temporary service will be disconnected when the permanent service is installed.

If you have questions about any of these requirements, contact the Nephi City Power Department @ 623-0276.

COMPLETE AND RETURN TO NEPHI CITY

Nephi City Power
21 East 100 North

Residential Request for Electrical Service
from Architect/Engineer/Contractor

Phone (435) 623-0822
Fax (435) 623-5443

Please submit this form for each building to be served by Nephi City Power (NCP) for which you are preparing the electrical design specifications and plans. With this requested data, NCP will reply to you, giving the necessary electrical service information for you to complete your design. A digital copy of the site plan (showing proposed transformer location, meter base, and outside disconnect) and the electrical single line diagram is required. Please email to **Rust Finlinson at** rfinlinson@nephi.utah.gov or deliver to the address above. By signing this document, you hereby acknowledge that the information provided is accurate and take responsibility for this information up to and including financial cost for the replacement of NCP's equipment due to any inaccuracies contained herein.

Date: _____

Project Name: _____ **Project Location:** _____

Your Name: _____

Company Name: _____

Address: _____
Street City State Zip Code

Contact Person: _____ Phone Number: _____

Email Address: _____ sq.ft.

Anticipated date for permanent electric service: _____

Service Desired from Nephi City Power

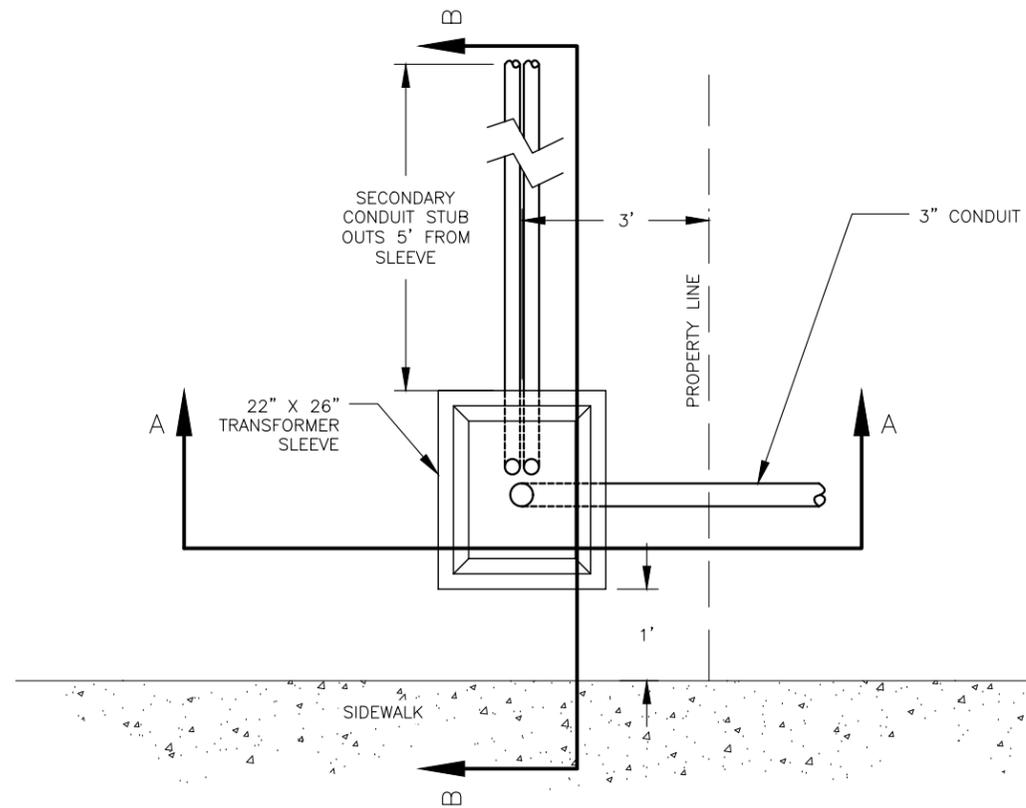
Delivery Voltage: 240/120 1-Phase Customer Electric Panel Size: _____ Amps Conductor Size: _____
Conduit Size: _____ No. of Conduits: _____ Secondary Service: Underground _____ Overhead _____
No. of meters needed: _____

Authorized Signature

***To be completed by Nephi City Power Department**

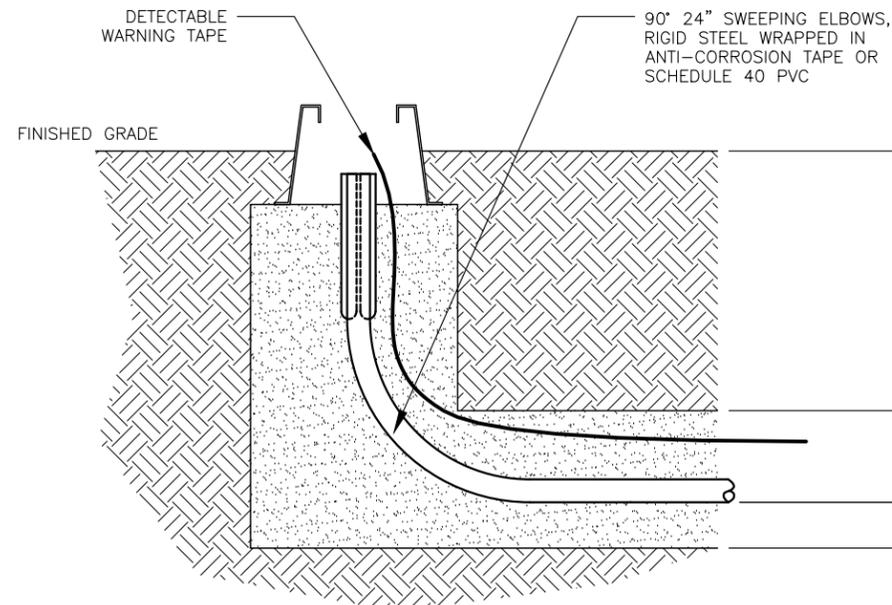
The meter base for this installation is to be located on the _____ side of the building.
Service will be provided from _____





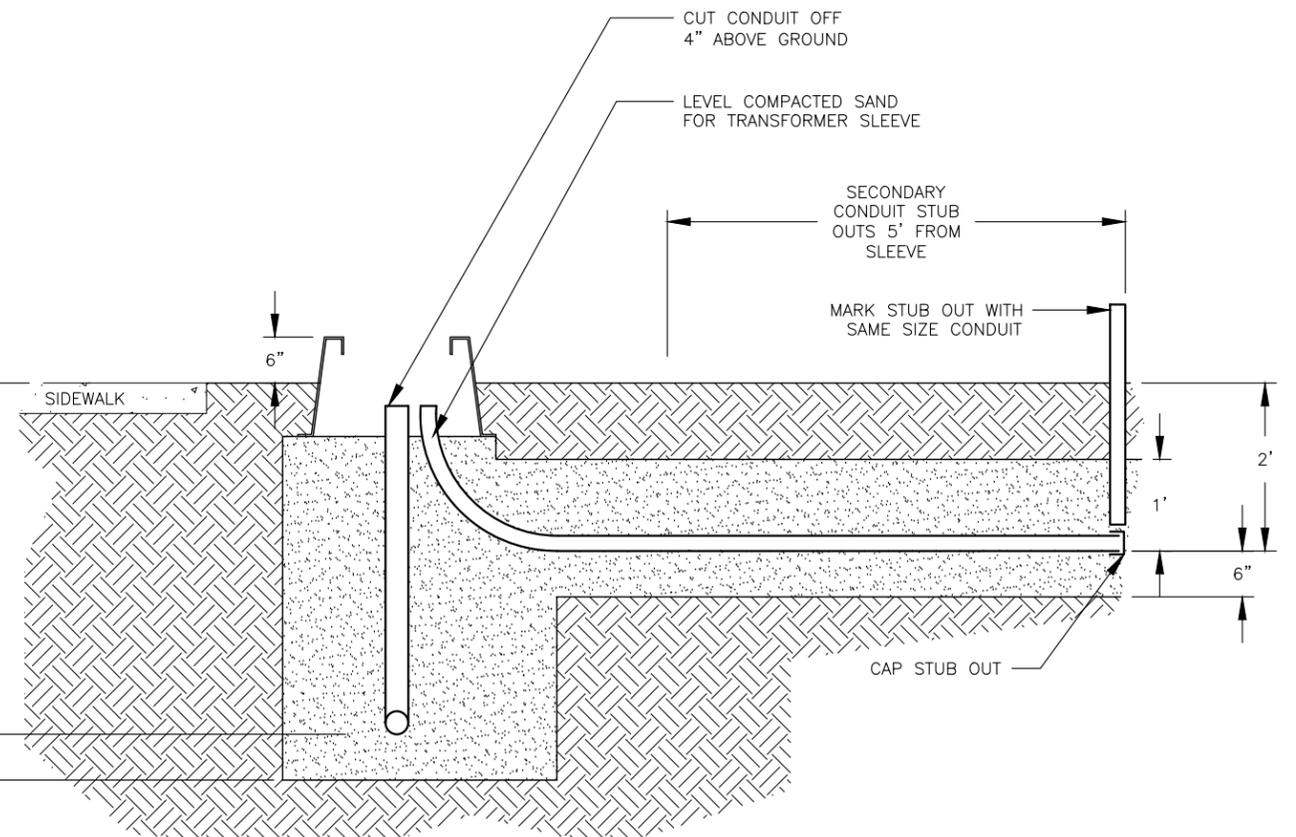
SECONDARY PEDESTAL - PLAN VIEW

NOT TO SCALE



SECTION A-A

NOT TO SCALE



SECTION B-B

NOT TO SCALE

NOTES:

1. ALL CONDUIT SHALL BE EMBEDDED IN 6" OF SAND BELOW THE CONDUIT AND 12" ABOVE THE CONDUIT
2. 3" CONDUIT ELBOWS TO BE 90° 24" SWEEPING RADIUS BENDS
3. 2" CONDUIT ELBOWS TO BE 90° 18" SWEEPING RADIUS BENDS
4. SECONDARY CONDUIT STUB OUTS SHALL BE 2"
5. SINGLE PHASE, PRIMARY AND SECONDARY CONDUIT SHALL BE 3"
6. ELBOWS TO BE RIGID STEEL WRAPPED IN ANTI-CORROSION TAPE OR SCHEDULE 40 PVC
7. CONDUIT AND TRANSFORMER SLEEVE MUST BE INSPECTED BY NEPHI CITY POWER PRIOR TO BACKFILLING, CONTRACTOR SHALL CALL 24 HOURS IN ADVANCE TO SCHEDULE AN INSPECTION

SHEET
301

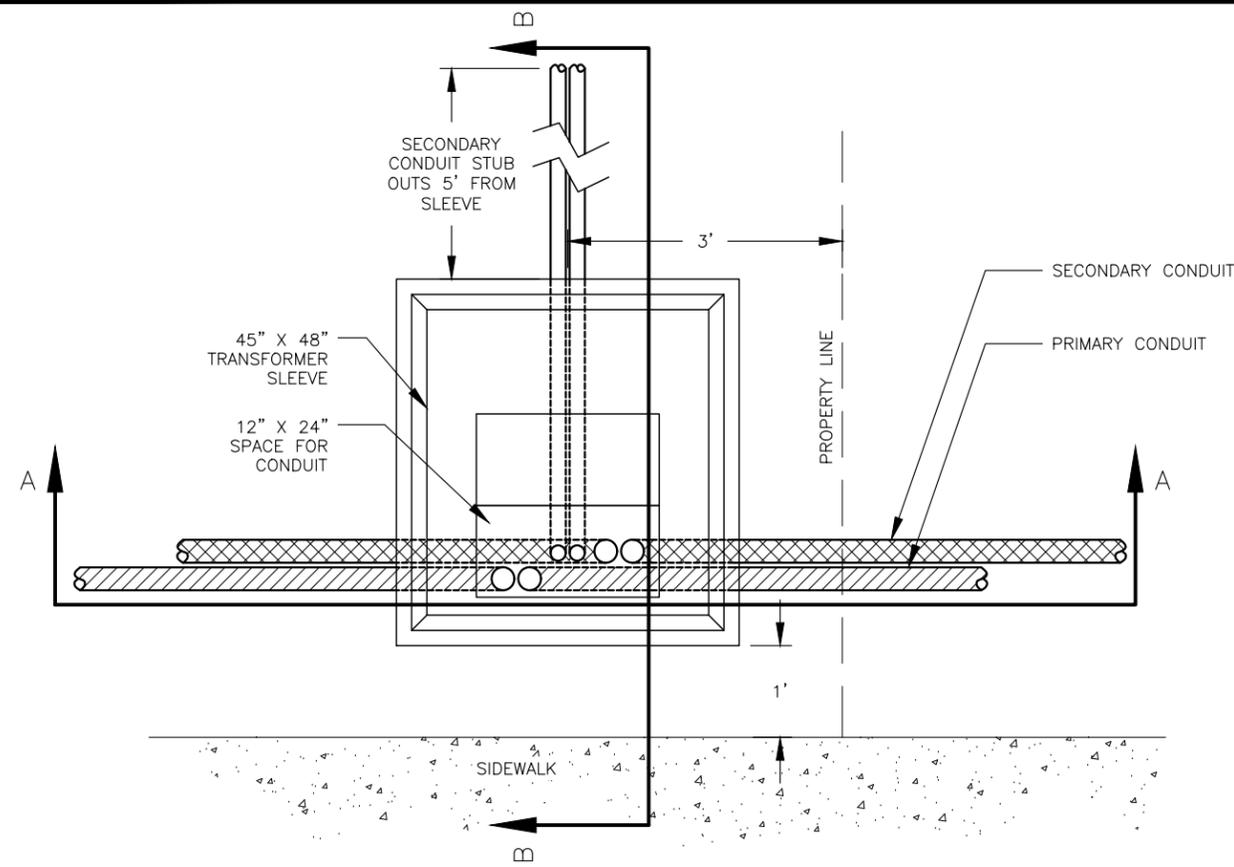
ORIGINAL
BY _____ DATE _____
REVISIONS
△ BY _____ DATE _____
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**SECONDARY
PEDESTAL
DETAIL**

**STANDARD DRAWING
NEPHI CITY CORPORATION**

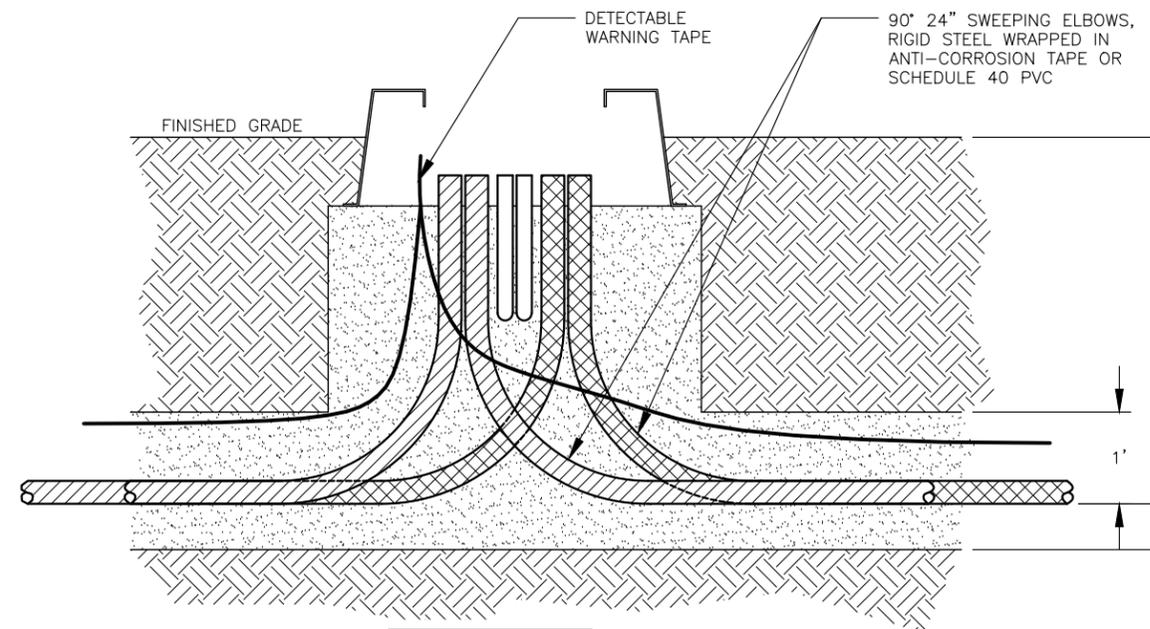
NEPHI CITY

21 EAST 100 NORTH
NEPHI, UTAH 84648



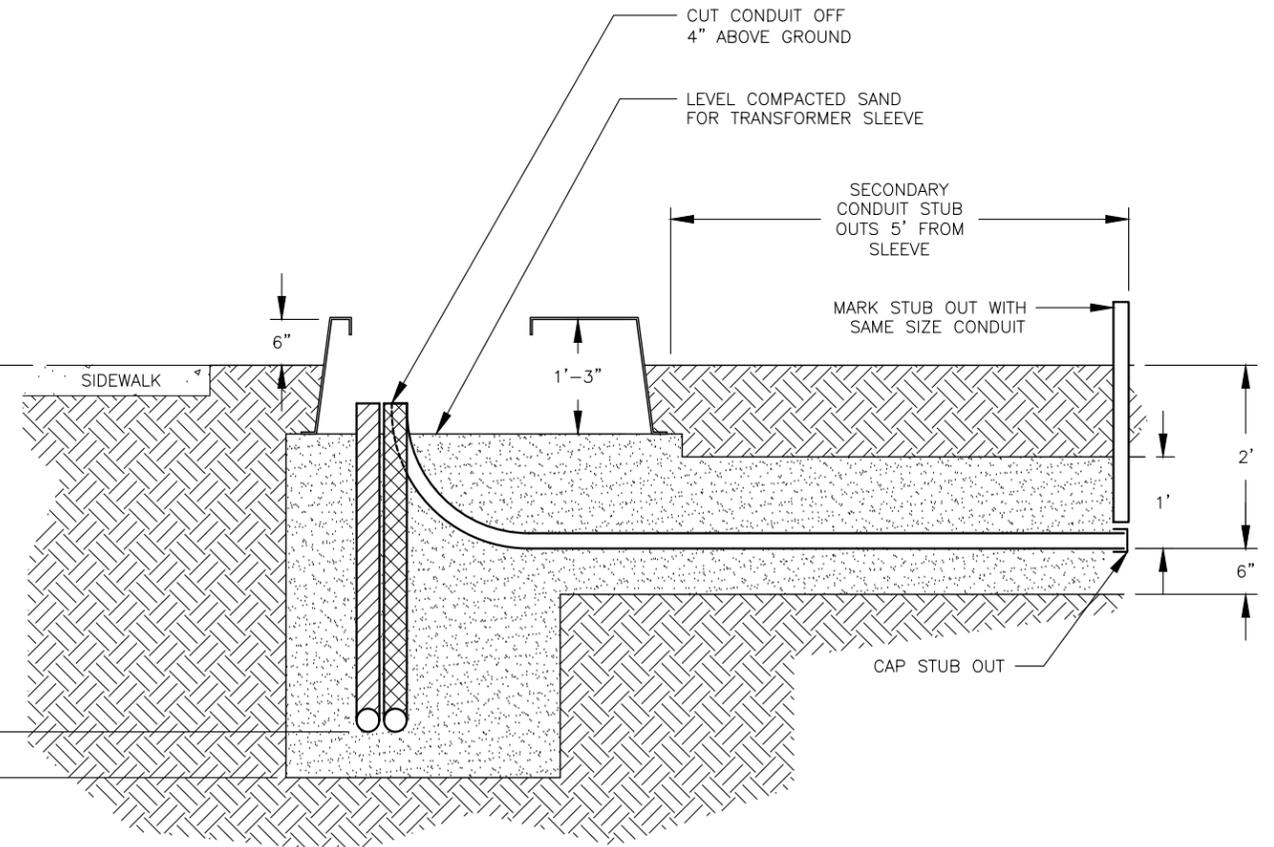
TRANSFORMER SLEEVE - PLAN VIEW

NOT TO SCALE



SECTION A-A

NOT TO SCALE



SECTION B-B

NOT TO SCALE

NOTES:

1. ALL CONDUIT SHALL BE EMBEDDED IN 6" OF SAND BELOW THE CONDUIT AND 12" ABOVE THE CONDUIT
2. 3" CONDUIT ELBOWS TO BE 90° 24" SWEEPING RADIUS BENDS
3. 2" CONDUIT ELBOWS TO BE 90° 18" SWEEPING RADIUS BENDS
4. SECONDARY CONDUIT STUB OUTS SHALL BE 2"
5. SINGLE PHASE, PRIMARY AND SECONDARY CONDUIT SHALL BE 3"
6. ELBOWS TO BE RIGID STEEL WRAPPED IN ANTI-CORROSION TAPE OR SCHEDULE 40 PVC
7. CONDUIT AND TRANSFORMER SLEEVE MUST BE INSPECTED BY NEPHI CITY POWER PRIOR TO BACKFILLING, CONTRACTOR SHALL CALL 24 HOURS IN ADVANCE TO SCHEDULE AN INSPECTION

SHEET 302	ORIGINAL
	BY _____ DATE _____
	REVISIONS
	△ BY _____ DATE _____

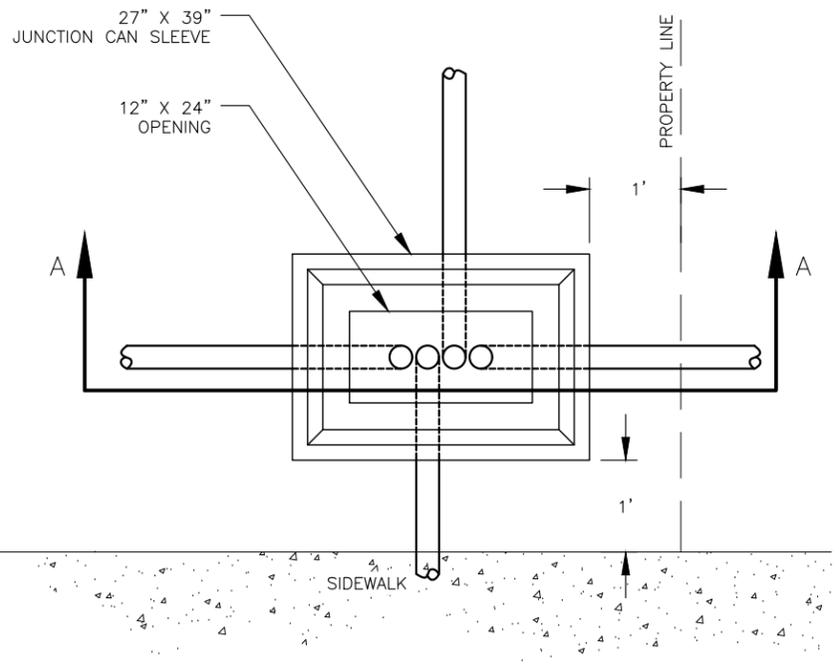
**SINGLE PHASE
TRANSFORMER
SLEEVE SITE DETAIL**

**STANDARD DRAWING
NEPHI CITY CORPORATION**

NEPHI CITY

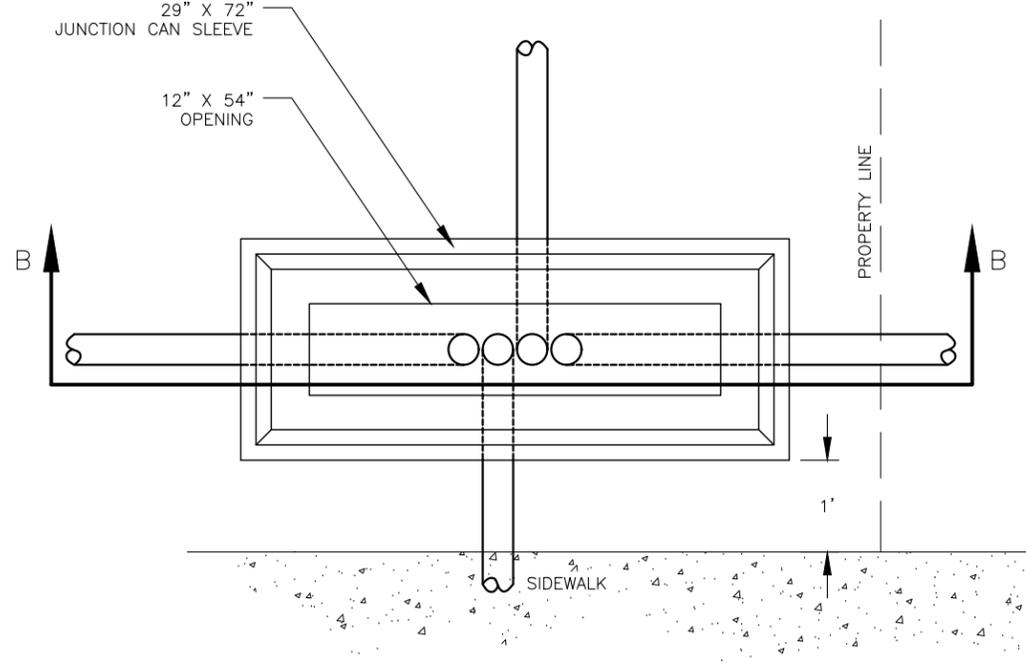
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NEPHI, UTAH 84648





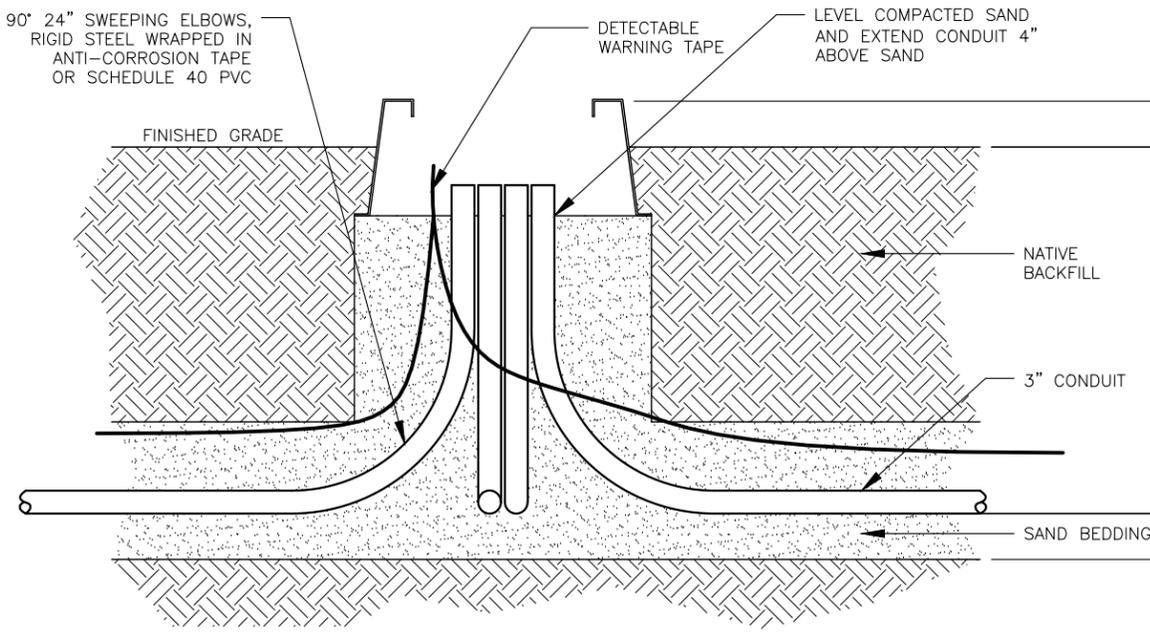
SINGLE PHASE JUNCTION - PLAN VIEW

NOT TO SCALE



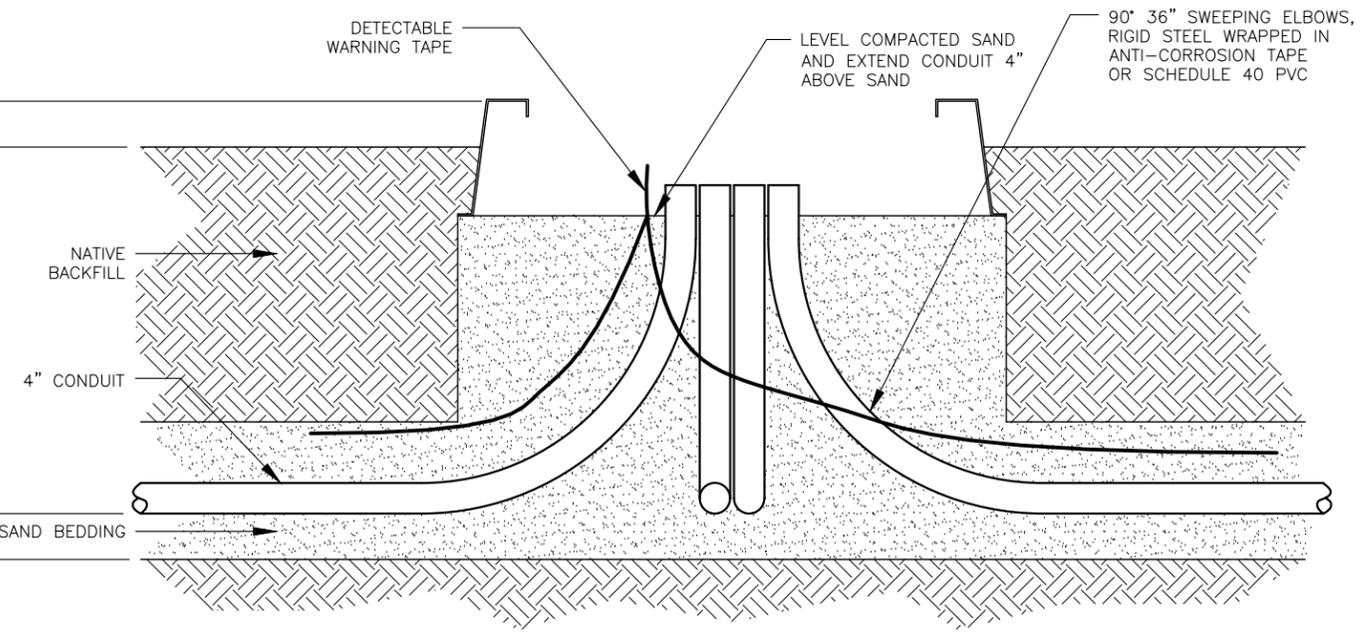
THREE PHASE JUNCTION - PLAN VIEW

NOT TO SCALE



SINGLE PHASE JUNCTION - SECTION A-A

NOT TO SCALE



THREE PHASE JUNCTION - SECTION B-B

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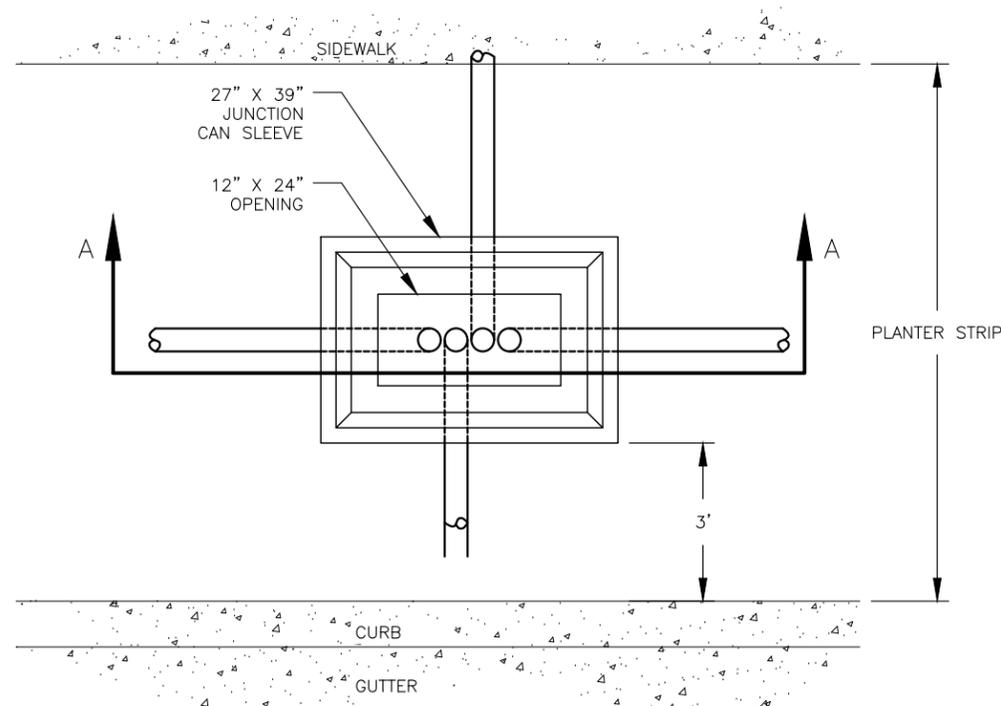
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**SINGLE PHASE &
THREE PHASE
JUNCTION CAN SLEEVE DETAIL**

**STANDARD DRAWING
NEPHI CITY CORPORATION**

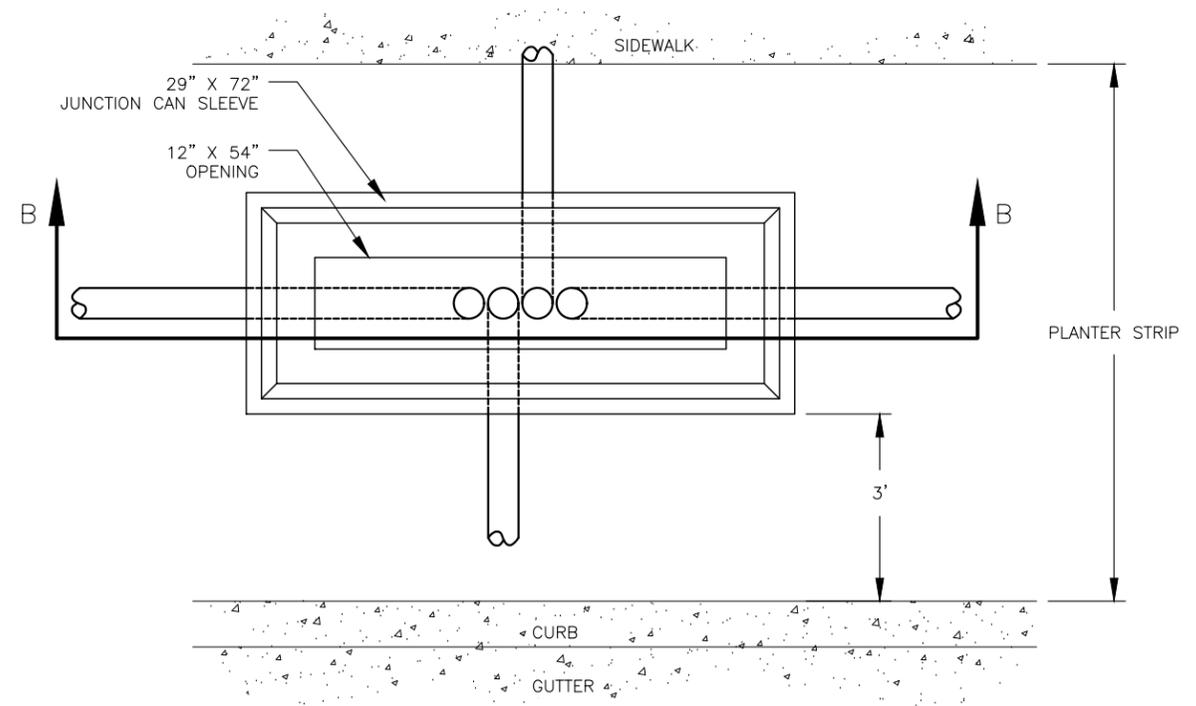
NEPHI CITY

21 EAST 100 NORTH
NEPHI, UTAH 84648



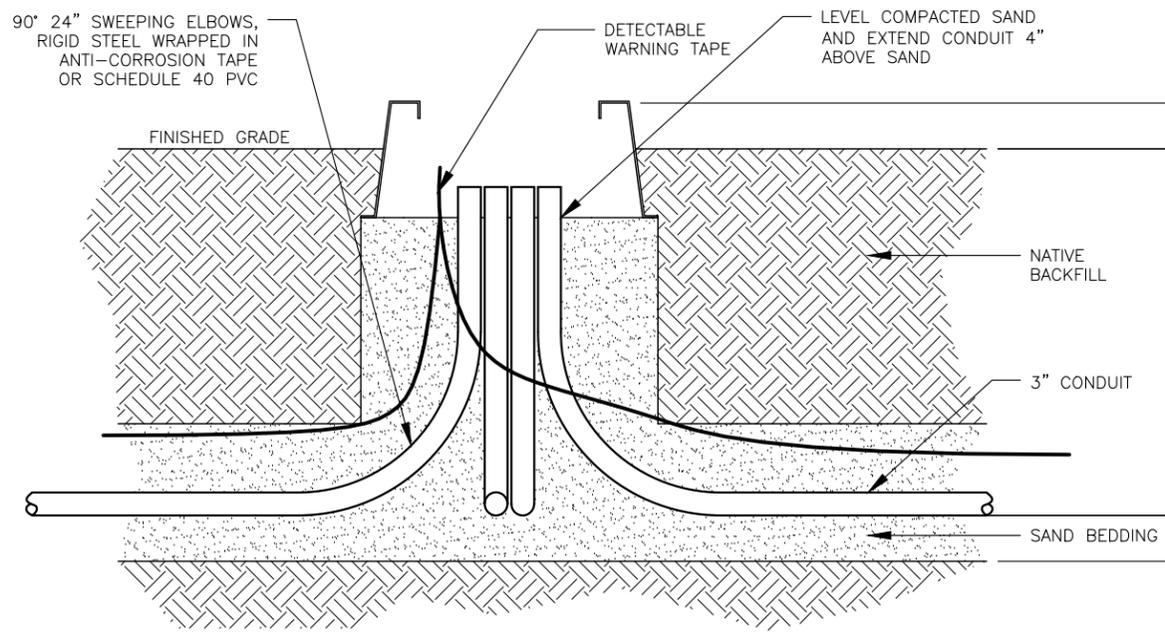
SINGLE PHASE JUNCTION - PLAN VIEW

NOT TO SCALE



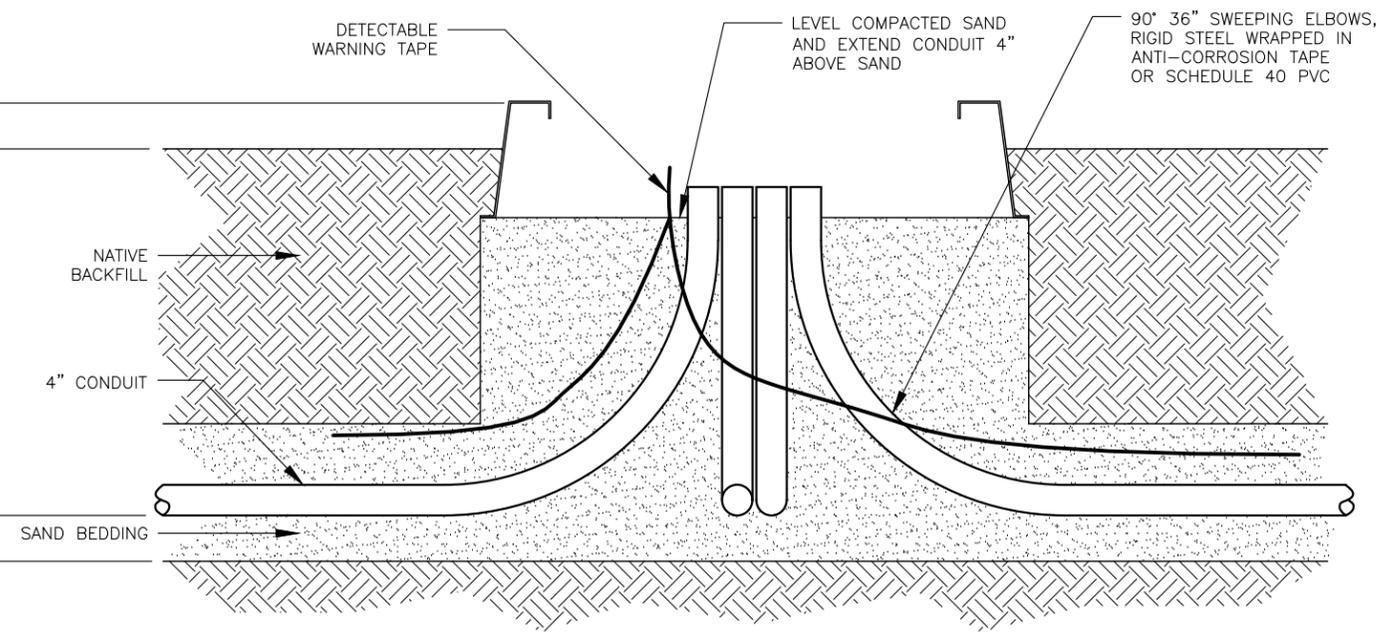
THREE PHASE JUNCTION - PLAN VIEW

NOT TO SCALE



SINGLE PHASE JUNCTION - SECTION A-A

NOT TO SCALE



THREE PHASE JUNCTION - SECTION B-B

NOT TO SCALE

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	BY _____ DATE _____
	REVISIONS
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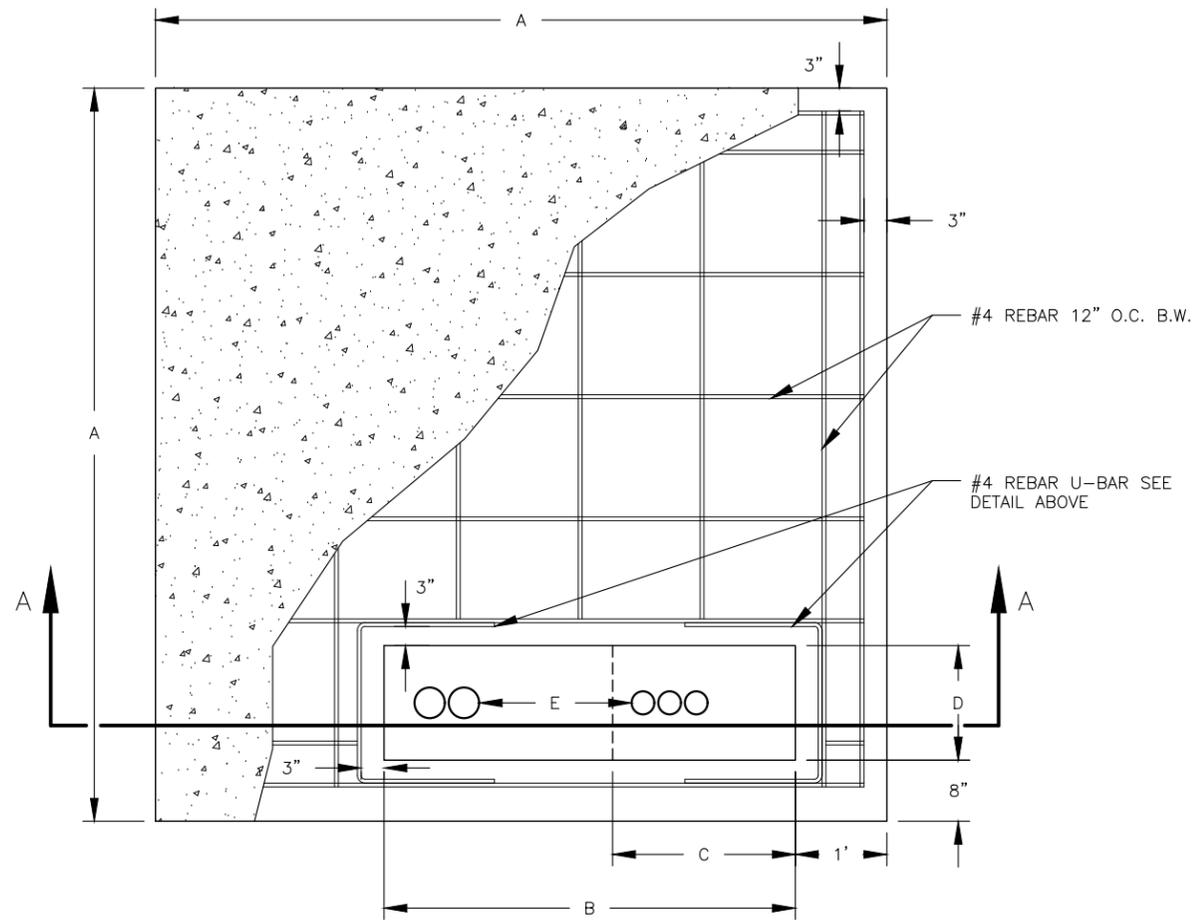
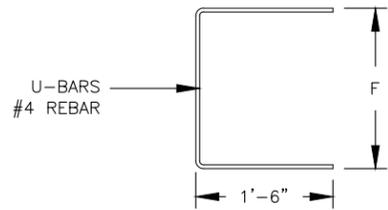
**SINGLE PHASE & THREE PHASE
JUNCTION CAN SLEEVE DETAIL
WITH PLANTER STRIP**

**STANDARD DRAWING
NEPHI CITY CORPORATION**

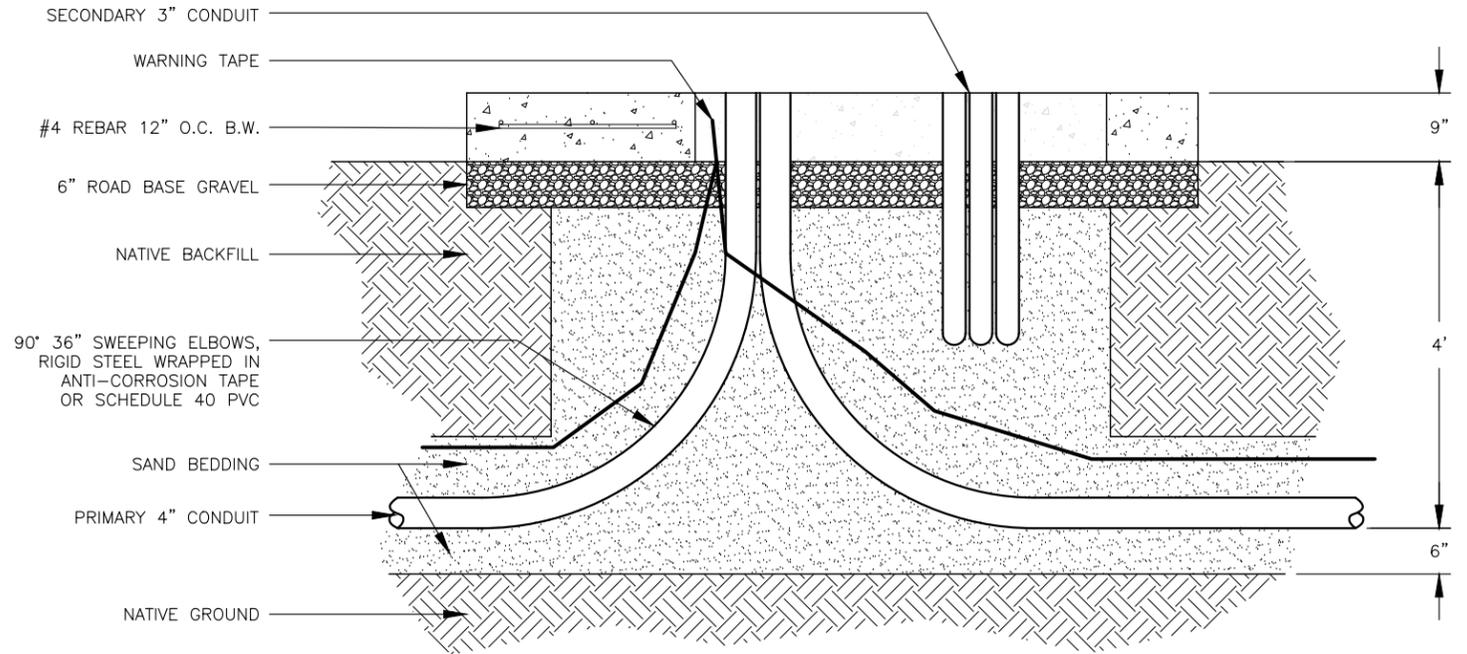
NEPHI CITY



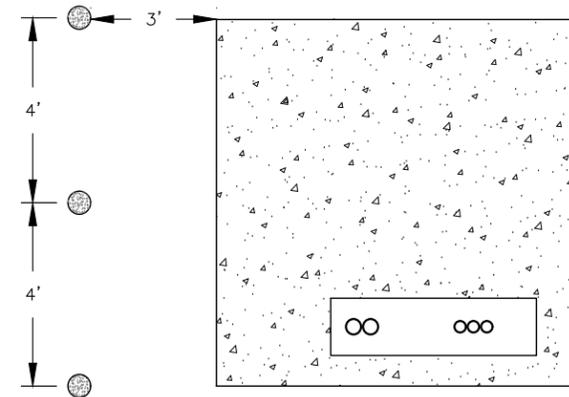
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NEPHI, UTAH 84648



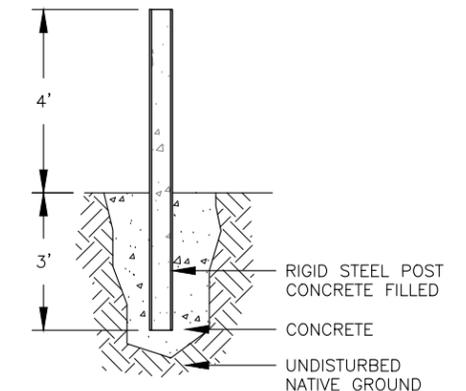
THREE PHASE TRANSFORMER PAD - PLAN VIEW
NOT TO SCALE



THREE PHASE TRANSFORMER PAD - SECTION A-A
NOT TO SCALE



PLAN-VIEW



SECTION-VIEW

TRANSFORMER PAD PROTECTIVE BOLLARDS
NOT TO SCALE

TRANSFORMER PAD TYPE AND DIMENSIONS							
TYPE	TRANSFORMER SIZE	DIMENSIONS					
		A	B	C	D	E	F
1	75-500 KVA	6'-6"	3'-4"	1'-3"	1'	1'-3"	1'-6"
2	750-1000 KVA	7'	4'	1'-10"	1'-3"	1'-6"	1'-9"
3	1500-2000 KVA	8'	4'-6"	2'	1'-3"	1'-8"	1'-9"

NOTES:

1. CONDUIT SHALL EXTEND FLUSH WITH THE TOP OF THE PAD
2. CONDUIT MUST BE SEALED WITH TAPE TO PREVENT DEBRIS FROM ENTERING THE CONDUIT
3. PAD MUST BE PLACED WITHIN 15' OF A HARD-PAVED SURFACE, A MINIMUM OF 3' AWAY FROM ALL STRUCTURES, AND 10' AWAY FROM DOORS AND WINDOWS
4. A BUFFER OF 10' IN FRONT OF AND 3' EITHER SIDE OF THE TRANSFORMER MUST REMAIN OPEN AND CLEAR
5. ALL CONCRETE MUST BE A 4 BAG MIX WITH 6.5% AIR ENTRAINMENT, 3" OF CLEAR SPACE IS REQUIRED ON ALL REINFORCING STEEL, CONCRETE SHALL CURE 7 DAYS BEFORE THE TRANSFORMER IS PLACED
6. CONDUIT AND TRANSFORMER PAD MUST BE INSPECTED BY NEPHI CITY POWER PRIOR TO BACKFILLING AND POURING CONCRETE, CONTRACTOR SHALL CALL 24 HOURS IN ADVANCE TO SCHEDULE AN INSPECTION
7. PROTECTIVE BOLLARDS ARE TO BE PLACED ON ALL SIDES OF THE TRANSFORMER EXPOSED TO TRAFFIC

SHEET
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ORIGINAL
BY _____ DATE _____

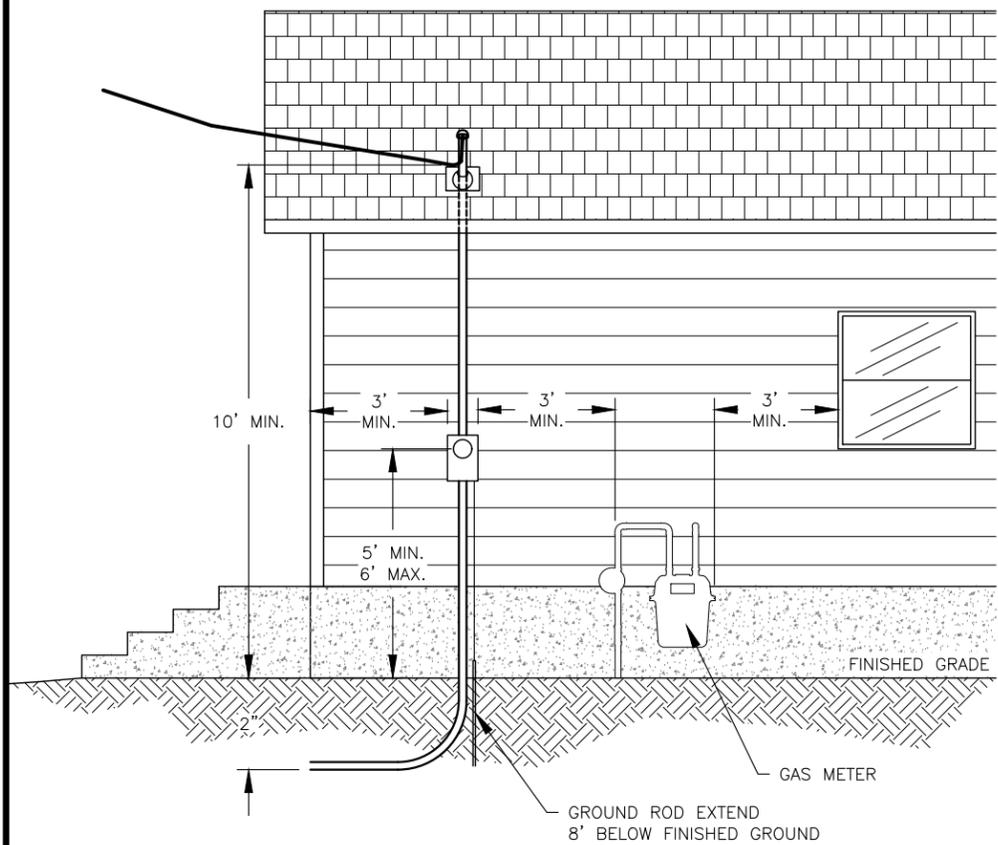
REVISIONS
△ BY _____ DATE _____
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**THREE PHASE
TRANSFORMER
PAD DETAIL**

**STANDARD DRAWING
NEPHI CITY CORPORATION**

NEPHI CITY

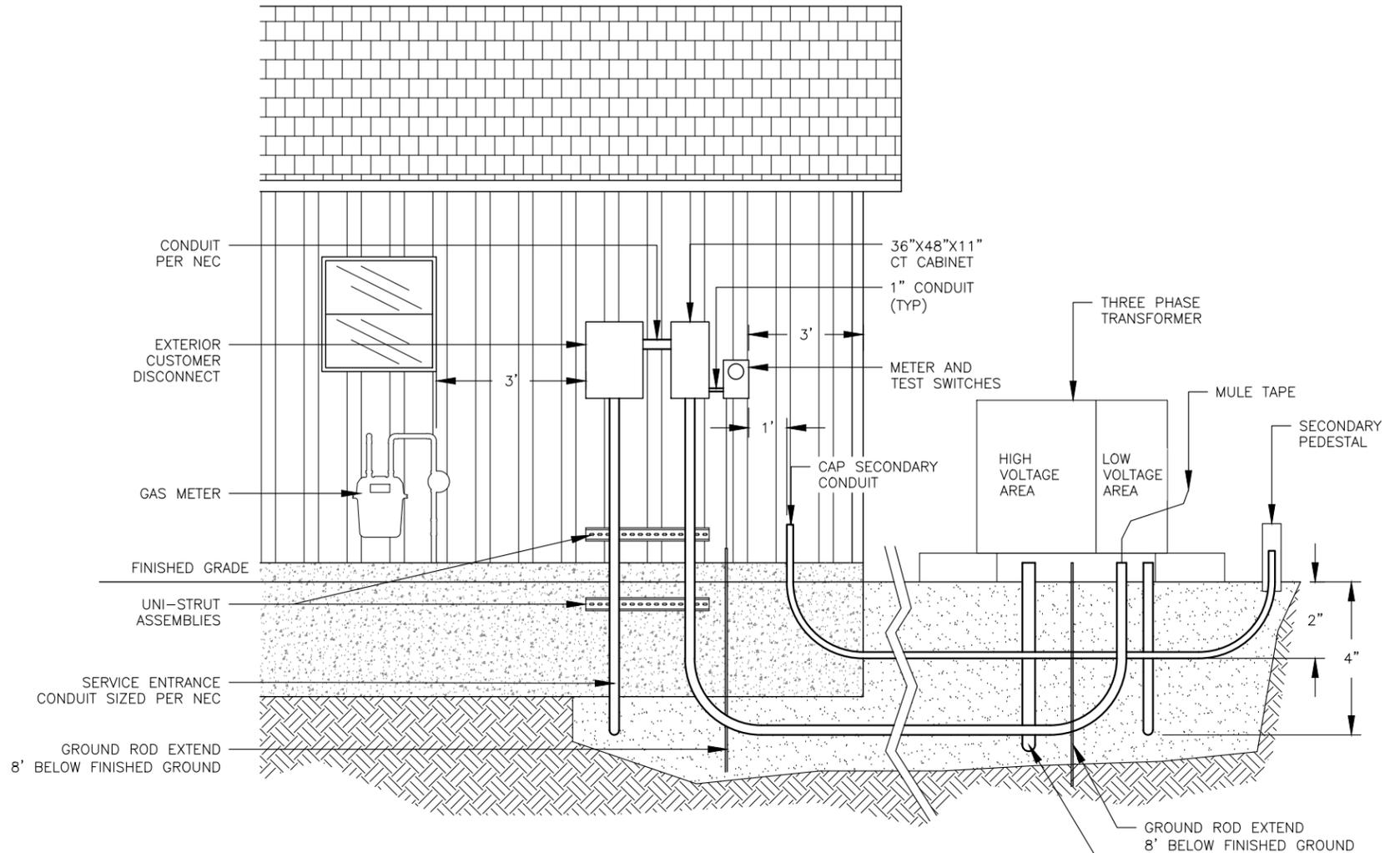
21 EAST 100 NORTH
NEPHI, UTAH 84648



RESIDENTIAL ELECTRICAL SERVICE CONNECTION
NOT TO SCALE

RESIDENTIAL SERVICE NOTES:

1. HEIGHT OF THE METER IS 5' MINIMUM AND 6' MAXIMUM ABOVE FINISHED GRADE
2. POINT OF ATTACHMENT ON ROOF SHALL PROVIDE MINIMUM CLEARANCE AS SPECIFIED IN THE NATIONAL ELECTRICAL CODE 230-24, BUT SHALL NOT BE LESS THAN 10' FROM FINAL GRADE TO THE SERVICE DRIP LOOP
3. 8' GROUND ROD IS REQUIRED AS PER NATIONAL ELECTRICAL CODE 250-83(C)
4. THE SERVICE CONDUCTOR DRIP LOOP AT LEAST 3' ABOVE THE ROOF WITH THE EXCEPTION OF THE 18" NATIONAL ELECTRICAL CODE 230-24(A)
5. OVERHEAD SERVICE LINE REQUIRES A MINIMUM OF 12' CLEARANCE FOR RESIDENTIAL PROPERTIES AND DRIVEWAYS, AND A MINIMUM OF 18' FOR PUBLIC STREETS
6. ELECTRICAL METER SHALL BE A MINIMUM OF 3' FROM GAS METERS, WINDOWS, PORCHES AND DOORS
7. ELECTRICAL METER SHALL BE A MINIMUM OF 3' FROM THE FRONT OF THE HOUSE AND NO MORE THE 10' FROM THE FRONT OF THE HOUSE
8. UNDER GROUND SERVICE CONDUCTOR SHALL BE 2" MINIMUM, RIGID METALLIC, IMC OR SCHEDULE 40 PVC CONDUIT, ONLY RIGID METAL OR IMC WILL BE ALLOWED TO BE EXPOSED ABOVE GROUND LEVEL.
9. OVERHEAD SERVICE CONDUCTOR SHALL BE 2" MINIMUM, RIGID METAL OR IMC CONDUIT
10. CLEARANCES SHOWN AND MENTIONED ABOVE ARE BASED ON THE CURRENT NATIONAL ELECTRICAL CODE, CLEARANCES BASED ON 150 VOLTS TO GROUND LIMITATIONS



THREE PHASE ELECTRICAL SERVICE CONNECTION
NOT TO SCALE

THREE PHASE SERVICE NOTES:

1. ALL SERVICE LOCATIONS, MATERIALS, EQUIPMENT SHALL BE APPROVED BY NEPHI CITY POWER SUPERINTENDENT PRIOR TO INSTALLATION
2. 36" MINIMUM CLEARANCES (SIDE AND ABOVE) FROM DOORS, WINDOWS, STAIRS GAS METERS SHALL BE REQUIRED, ADDITIONAL CLEARANCES MAY BE REQUIRED
3. 8' MINIMUM CLEARANCE SHALL BE REQUIRED IN FRONT OF SERVICES, AND METERS
4. CITY WILL FURNISH METER-BASE AND TEST SWITCH FOR CONTRACTOR TO INSTALL
5. GROUNDING AND BONDING OF CABINETS, CONDUITS, AND OTHER EQUIPMENT SHALL MEET NATIONAL ELECTRICAL CODE
6. SERVICES 200 AMPS OR LESS SHALL USE A LINK BYPASS METER-BASE
7. SERVICES 800 AMPS OR LESS MAY USE STAND ALONE TYPE CT CABINETS (MILBANK P/N: CT364811-HC & MOUNTING RACK P/N: K4798 OR APPROVED EQUAL)
8. FOR SERVICES LARGER THAN 800 AMPS CONTACT THE NEPHI CITY POWER SUPERINTENDENT
9. SERVICE CONDUITS SHALL BE A MINIMUM OF 4' BURY DEPTH AND MEET NEPHI CITY STANDARDS
10. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL SERVICE CONDUCTORS, AND SHALL MAKE CONNECTIONS IN THE SECONDARY SIDE OF THE TRANSFORMER
11. CUSTOMER SHALL OWN AND MAINTAIN SERVICE CONDUCTORS FROM TRANSFORMER TO THE CUSTOMER SERVICE DISCONNECT

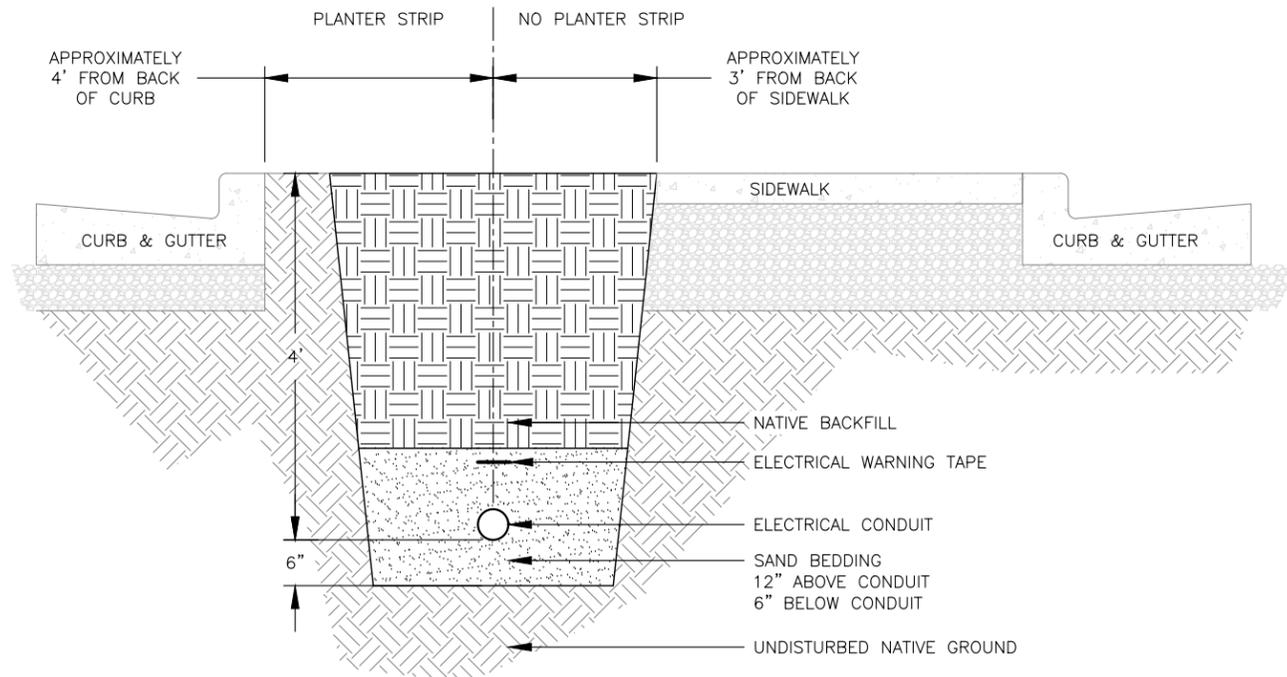
SHEET 306	ORIGINAL
	BY _____ DATE _____
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**RESIDENTIAL &
COMMERCIAL
SERVICES CONNECTION DETAILS**

**STANDARD DRAWING
NEPHI CITY CORPORATION**

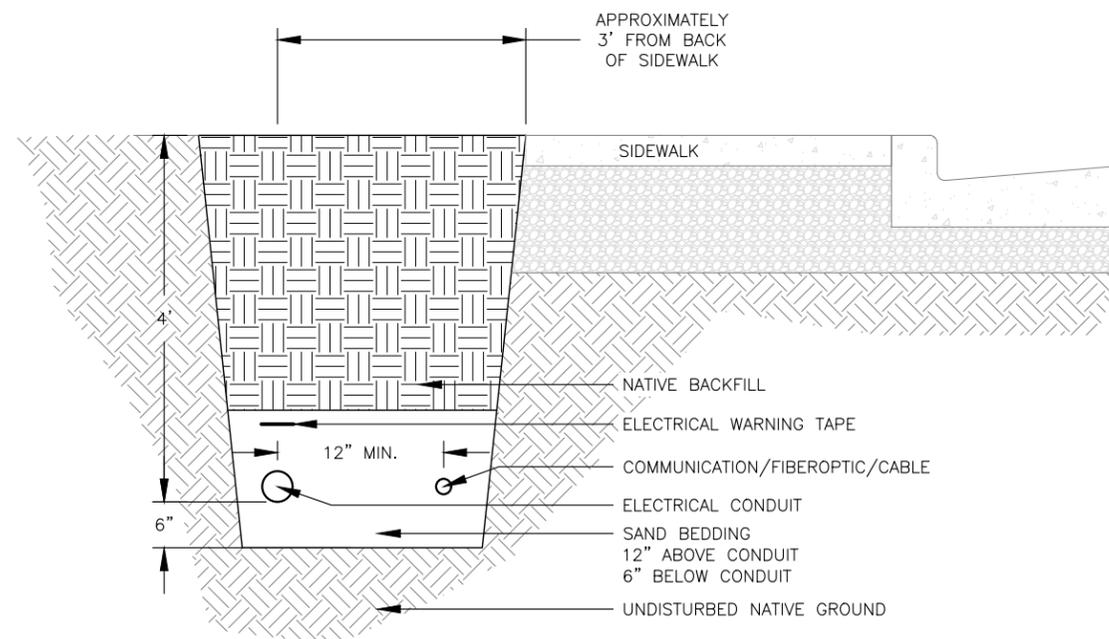
NEPHI CITY

21 EAST 100 NORTH
NEPHI, UTAH 84648



RESIDENTIAL BLOCK SYSTEM CONDUIT TRENCH DETAIL

NOT TO SCALE



RESIDENTIAL SUBDIVISION CONDUIT TRENCH DETAIL

NOT TO SCALE

GENERAL ELECTRICAL NOTES:

TRENCHING SPECIFICATIONS

1. ALL RESIDENTIAL DEVELOPMENT TRENCHES MUST BE BETWEEN 1-2 FEET BEHIND SIDEWALK OR CONTAINED WITHIN THE PLANTER STRIP
2. ALL PRIMARY TRENCHES MUST BE 48" DEEP
3. ALL SECONDARY TRENCHES MUST BE 24" DEEP, IF THE SECONDARY IS RUN WITH PRIMARY, THE TRENCH DEPTH MUST BE 48" DEEP
4. IT IS IMPORTANT THAT ROAD CROSSINGS BE PLACED CORRECTLY (SITE PLANS ARE EXAGGERATED TO MAKE THEM EASIER TO READ, THEY ONLY SHOW THE APPROXIMATE LOCATION OF EQUIPMENT). PLEASE CONTACT NEPHI CITY POWER BEFORE PLACEMENT.
5. ONE FOOT OF SAND MUST BE PLACED ON TOP OF CONDUIT FOLLOWED BY 3" WIDE, RED, DETECTABLE-FOIL, ELECTRICAL WARNING TAPE (5 MILS THICKNESS)
6. WARNING TAPE TO BE TIED TOGETHER TO FORM A CONTINUOUS LENGTH, AND EXTENDING 36" ABOVE FINISH GRADE BY ALL CONDUIT STUBS, ALL TRENCHES MUST BE INSPECTED PRIOR TO BACKFILLING
7. TRENCHES SHOULD BE SPOT BACKFILLED TO PREVENT MOVEMENT OF TAPE DURING BACKFILL
8. SELECT BACKFILL MUST BE COMPACTED IN 1 FOOT LIFTS TO PREVENT SETTLING
9. ALL BACKFILL COVERING CONDUIT MUST BE BROUGHT UP TO FINISH GRADE
10. ALL AREAS DISTURBED BY EXCAVATION AND BACKFILLING CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION, OR BETTER BY THE CONTRACTOR

CONDUIT SPECIFICATIONS

1. CONDUIT SIZES: CHECK SITE PLANS OR CONTACT NEPHI CITY POWER CONCERNING CONDUIT DIAMETER
2. ELBOWS CAN BE EITHER PVC SCH 40 OR RIGID STEEL, ALL 4" PRIMARY ELBOWS MUST HAVE A RADIUS OF 36", ALL 3" PRIMARY VERTICAL SWEEPS MUST HAVE A 24" RADIUS, AND HORIZONTAL SWEEPS MUST HAVE A 36" RADIUS, ALL 2" SECONDARY ELBOWS MUST HAVE A RADIUS OF 18"
3. IF STEEL ELBOWS ARE USED, THEY MUST BE TAPED WITH ANTI-CORROSION TAPE OR HAVE A PLASTIC COATING
4. CONTINUOUS LENGTHS OF CONDUIT CAN ONLY HAVE A MAXIMUM OF FOUR 90° ELBOWS PER WIRE
5. ALL ELECTRICAL CONDUITS WILL BE LAID ON THE PROPERTY SIDE OF THE TRENCH
6. PHONE AND CABLE CAN BE PLACED IN THE SAME TRENCH, BUT MUST BE PLACED ON THE ROADSIDE WITH 12" OF PARALLEL, HORIZONTAL SEPARATION ALONG THE ELECTRICAL CONDUIT. COMMUNICATION WILL BE PLACED AT THE SAME DEPTH AND MUST BE INSPECTED PRIOR TO BACKFILLING TO ENSURE APPROPRIATE PLACEMENT
7. ALL FUTURE RESIDENTIAL SERVICE CONNECTIONS WILL BE STUBBED OUT 10' PAST THE ELECTRICAL BOXES OR TRANSFORMERS WITH GRAY, PVC, SCH 40 CONDUIT. THE SIZE OF CONDUIT WILL BE DETERMINED BY NEPHI CITY POWER AND IS BASED ON THE SERVICE SIZE
8. EACH CONDUIT STUBBED OUT WILL BE MARKED WITH THE APPROPRIATE SIZE CONDUIT
9. OVERHEAD TO UNDERGROUND: CONTRACTOR WILL SUPPLY ONE STICK (10') OF RIGID CONDUIT EXTENDING FROM FINISH GRADE UP THE RISER POLE, NEPHI CITY POWER WILL SUPPLY THE APPROPRIATE STANDOFFS TO BE USED TO ATTACH THE FIRST STICK OF RIGID CONDUIT TO THE POLE

TRANSFORMER SLEEVE SPECIFICATIONS

1. TRANSFORMERS WILL BE PLACED ONE FOOT BEHIND SIDEWALK, FACING PAVED SURFACE AND CENTERED 3' FROM DIVIDING LOT LINES, POWER EQUIPMENT WILL NORMALLY BE PLACED ON THE SIDE OF THE LOT LINE OPPOSITE OTHER UTILITIES
2. CONDUITS RISING INTO TRANSFORMER PADS MUST BE ABLE TO FIT INTO A 12" X 24" OPENING
3. PRIMARY CONDUIT ARE ALWAYS ON THE LEFT AND SECONDARY CONDUIT ARE ON THE RIGHT, WHEN FACING THE TRANSFORMER
4. THE PRIMARY AND SECONDARY CONDUITS MUST BE GROUPED INTO TWO SEPARATE BUNDLES
5. A LEVEL, COMPACTED, SAND BASE MUST BE PROVIDED TO SET THE TRANSFORMER SLEEVE, ALL SLEEVES MUST SIT LEVEL WITH 6" OF SLEEVE EXTENDING ABOVE TOP BACK OF CURB, INSIDE GRADE OF PAD WILL BE LEVEL WITH BOTTOM OF SLEEVE AND CONDUITS MUST BE CUT OFF 4" ABOVE INSIDE GRADE. IF THE TRANSFORMER SETTLES OR IS SET AT THE WRONG ELEVATION, THE DEVELOPER WILL BE CHARGED TO HAVE THE TRANSFORMER BASE RESET
6. NEPHI CITY POWER WILL PROVIDE A GROUND ROD TO BE PLACED BY THE CONTRACTOR IN BETWEEN THE PRIMARY AND SECONDARY CONDUIT STUBS
7. SEE TRANSFORMER SLEEVE DETAIL SHEET FOR SPECIFIC INSTALLATION REQUIREMENTS

SECONDARY BOX SPECIFICATIONS

1. SECONDARY BOXES WILL BE PLACED ONE FOOT BEHIND SIDEWALK AND CENTERED 3' FROM DIVIDING LOT LINES. POWER EQUIPMENT WILL NORMALLY BE PLACED ON THE SIDE OF THE LOT LINE OPPOSITE OTHER UTILITIES
2. CONDUITS WILL BE STUBBED UP, BUNDLED TIGHT TOGETHER, WITH A SAND BASE COMPACTED TO FINAL GRADE AROUND CONDUIT. CUT CONDUIT OFF 6" ABOVE FINAL GRADE

SECTIONALIZER SPECIFICATIONS

1. SECTIONALIZERS WILL BE PLACED ONE FOOT BEHIND SIDEWALK AND FACING HARD PAVED SURFACE. CONTACT NEPHI CITY POWER FOR EXACT PLACEMENT
2. CONDUITS RISING INTO A SECTIONALIZER MUST BE STAGGERED, CENTERED AND GROUPED TOGETHER TO FIT INTO A 12" X 36" OPENING FOR THREE PHASE AND A 12" X 20" OPENING FOR SINGLE PHASE
3. GROUND SLEEVES WILL BE SET SIMILAR TO THE TRANSFORMER SLEEVES
4. NEPHI CITY POWER WILL PROVIDE A GROUND ROD TO BE PLACED 6" FROM THE CONDUITS STUBBED INTO THE SECTIONALIZERS BY THE CONTRACTOR

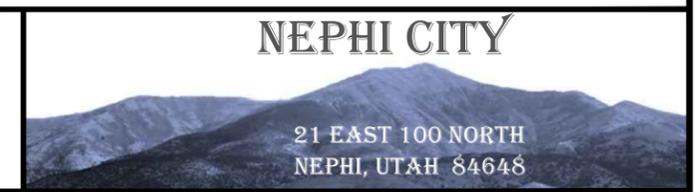
UNDERGROUND SECONDARY SPECIFICATIONS

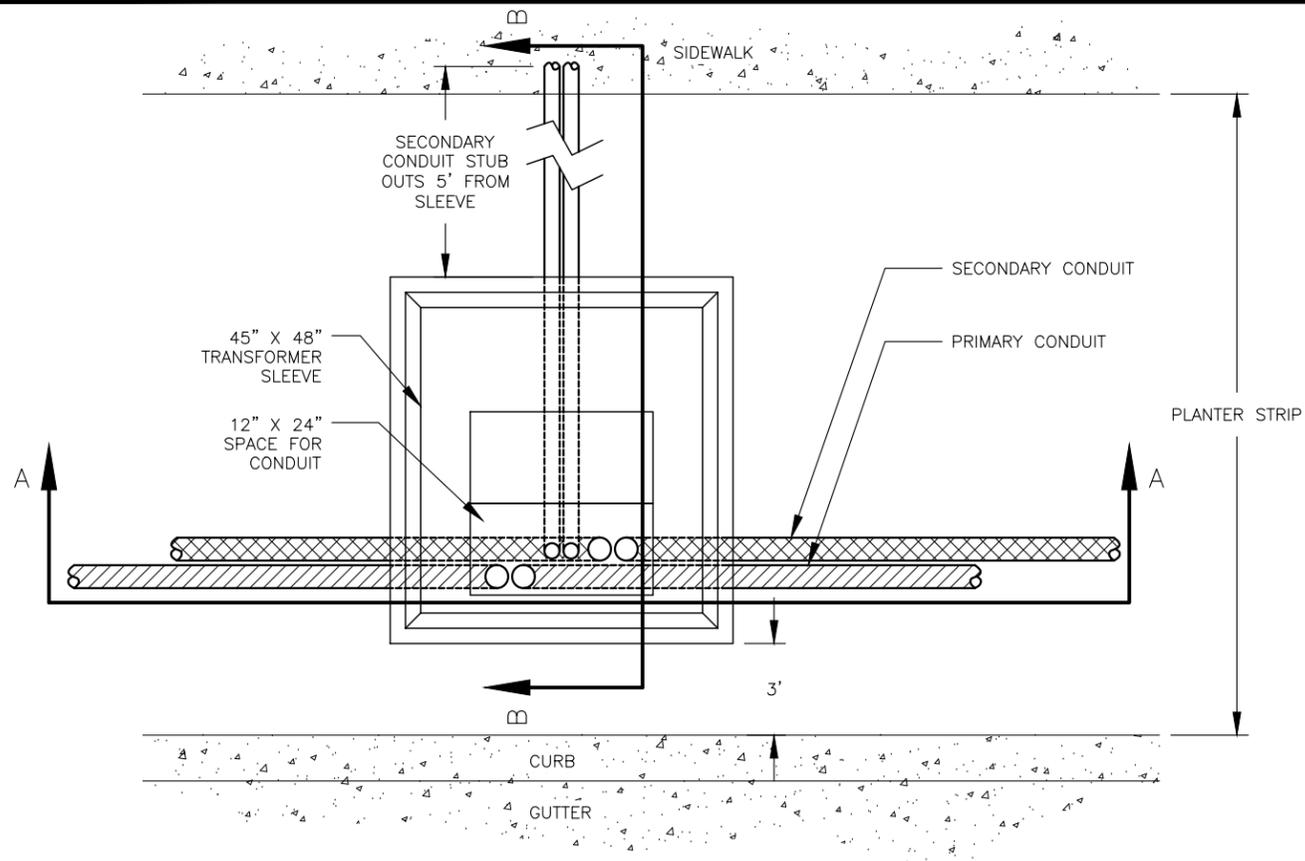
1. CONTRACTOR IS RESPONSIBLE FOR EXTENDING THE CONDUIT FROM THE POWER SOURCE TO THE METER EQUIPMENT, AND INSTALLING PULL STRING, CONTACT NEPHI CITY POWER FOR FURTHER DETAILS
2. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE CONDUIT AND WEATHER HEAD FOR CONNECTING TO EXISTING OVERHEAD POWER LINES, THE CONTRACTOR IS TO INSTALL THE FIRST STICK OF RIGID CONDUIT, NEPHI CITY POWER WILL INSTALL THE REMAINING EQUIPMENT ON THE POLE

SHEET 307	ORIGINAL
	BY _____ DATE _____
	REVISIONS
	△ BY _____ DATE _____
	△ BY _____ DATE _____

**TRENCH DETAIL
&
GENERAL ELECTRICAL NOTES**

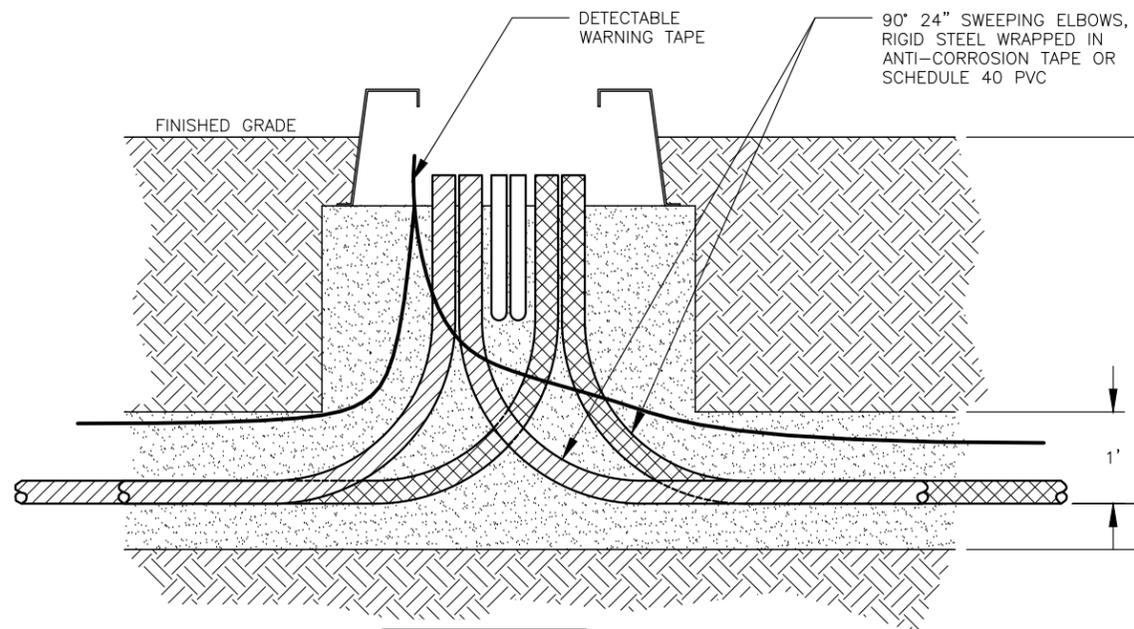
**STANDARD DRAWING
NEPHI CITY CORPORATION**





TRANSFORMER SLEEVE - PLAN VIEW

NOT TO SCALE

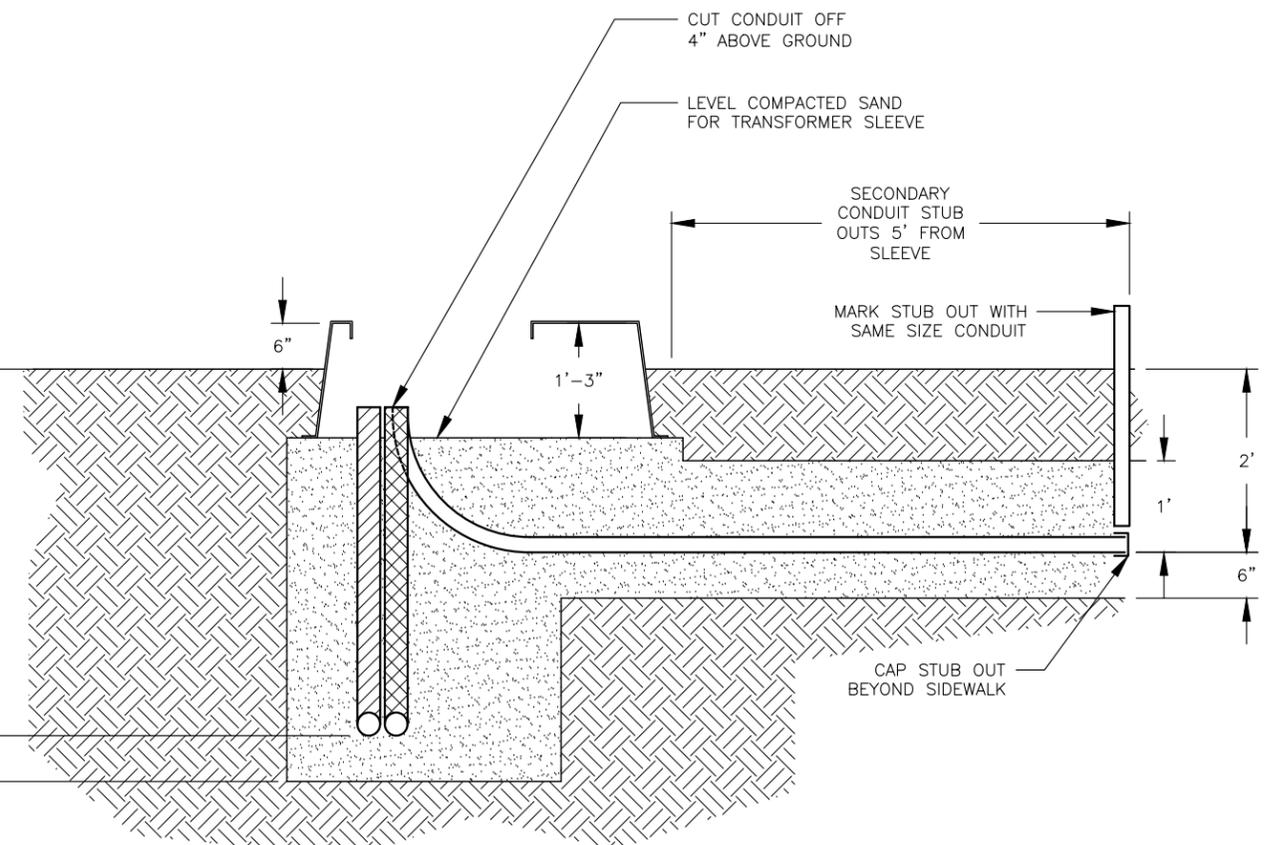


SECTION A-A

NOT TO SCALE

NOTES:

1. ALL CONDUIT SHALL BE EMBEDDED IN 6" OF SAND BELOW THE CONDUIT AND 12" ABOVE THE CONDUIT
2. 3" CONDUIT ELBOWS TO BE 90° 24" SWEEPING RADIUS BENDS
3. 2" CONDUIT ELBOWS TO BE 90° 18" SWEEPING RADIUS BENDS
4. SECONDARY CONDUIT STUB OUTS SHALL BE 2"
5. SINGLE PHASE, PRIMARY AND SECONDARY CONDUIT SHALL BE 3"
6. ELBOWS TO BE RIGID STEEL WRAPPED IN ANTI-CORROSION TAPE OR SCHEDULE 40 PVC
7. CONDUIT AND TRANSFORMER SLEEVE MUST BE INSPECTED BY NEPHI CITY POWER PRIOR TO BACKFILLING, CONTRACTOR SHALL CALL 24 HOURS IN ADVANCE TO SCHEDULE AN INSPECTION



SECTION B-B

NOT TO SCALE

SHEET

308

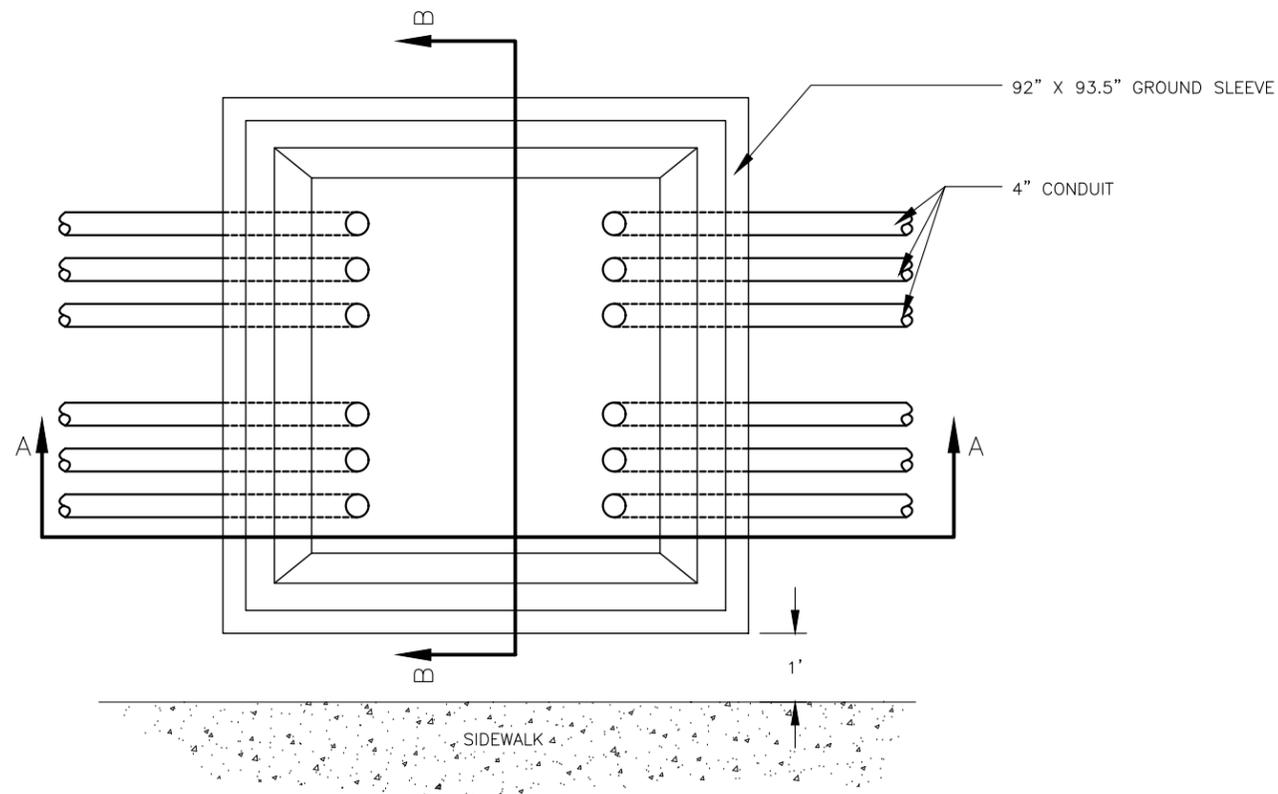
ORIGINAL
BY _____ DATE _____
REVISIONS
△ BY _____ DATE _____
△ BY _____ DATE _____
△ BY _____ DATE _____

**SINGLE PHASE TRANSFORMER
(IN PLANTER STRIP)
SLEEVE SITE DETAIL**

**STANDARD DRAWING
NEPHI CITY CORPORATION**

NEPHI CITY

21 EAST 100 NORTH
NEPHI, UTAH 84648

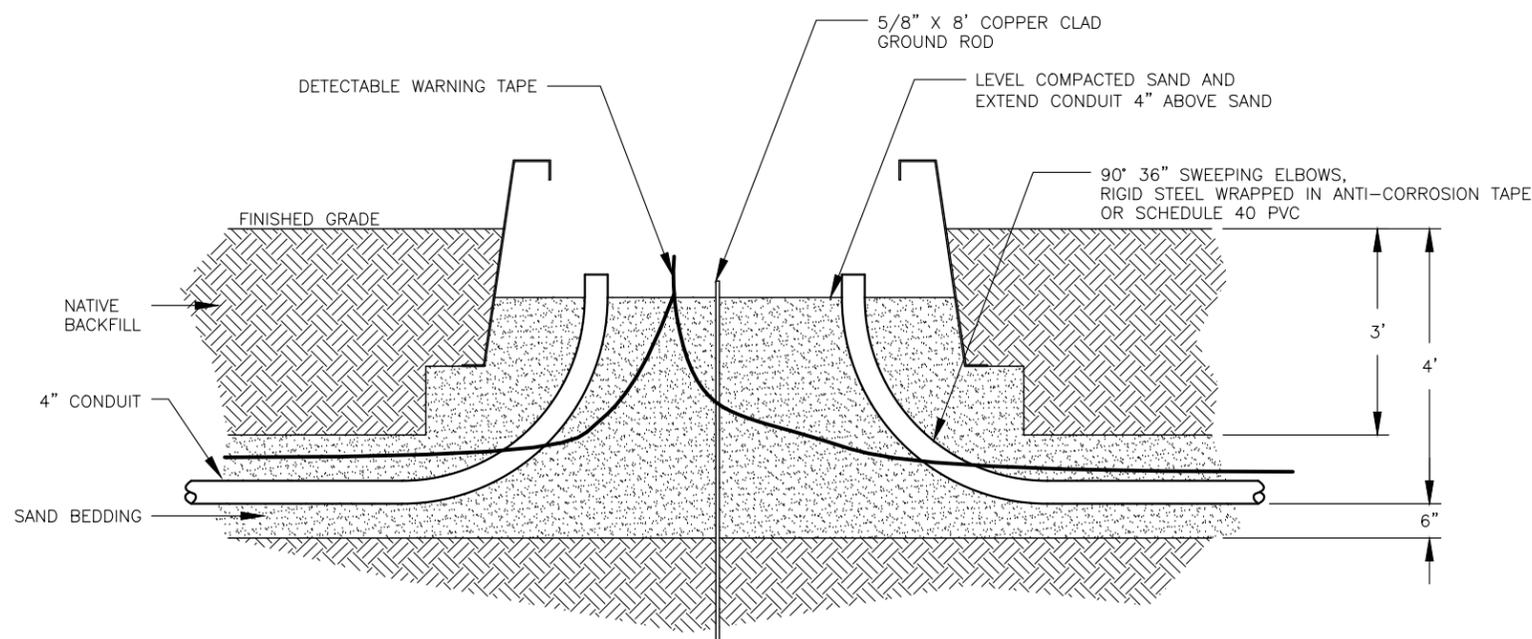


SWITCH GEAR SLEEVE - PLAN VIEW

NOT TO SCALE

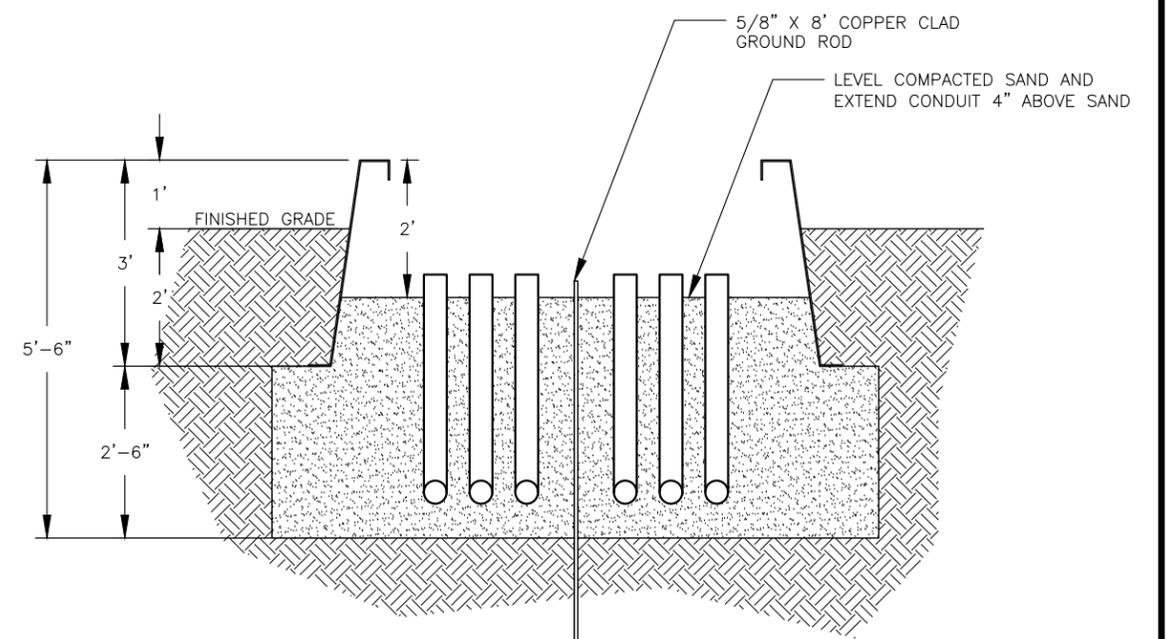
NOTES:

1. ALL CONDUIT SHALL BE EMBEDDED IN 6" OF SAND BELOW THE CONDUIT AND 12" ABOVE THE CONDUIT
2. 4" CONDUIT ELBOWS TO BE 90° 36" SWEEPING RADIUS BENDS
3. ELBOWS TO BE RIGID STEEL WRAPPED IN ANTI-CORROSION TAPE OR SCHEDULE 40 PVC
4. CONDUIT AND TRANSFORMER SLEEVE MUST BE INSPECTED BY NEPHI CITY POWER PRIOR TO BACKFILLING, CONTRACTOR SHALL CALL 24 HOURS IN ADVANCE TO SCHEDULE AN INSPECTION



SECTION A-A

NOT TO SCALE



SECTION B-B

NOT TO SCALE

SHEET 309	ORIGINAL
	BY _____ DATE _____
	REVISIONS
	△ BY _____ DATE _____ △ BY _____ DATE _____ △ BY _____ DATE _____

**P 9/11 SWITCH GEAR
CONDUIT AND
SLEEVE DETAIL**

**STANDARD DRAWING
NEPHI CITY CORPORATION**

NEPHI CITY

21 EAST 100 NORTH
NEPHI, UTAH 84648