DEWEY STREETSCAPE REDEVELOPMENT SAPULPA, OK 74066



6000	COVER	CS105
D101	DEMOLITION PLAN	CS103
D103	DEMOLITION PLAN	CS107
D102	DEMOLITION PLAN	CS104
E101	EROSION CONTROL PLAN	CU102
E102	EROSION CONTROL PLAN	CU101
E103	EROSION CONTROL PLAN	CU103
G101	GRADING PLAN	CU104
G102	GRADING PLAN	CJ101
G103	GRADING PLAN	CJ102
G104	GRADING PLAN	CJ103
SD101	STORM DRAIN PLAN	CU105
SD102	STORM DRAIN PLAN	CU106
SD103	STORM DRAIN PLAN	CU107
SD104	STORM DRAIN PROFILES	CU108
SD105	STORM DRAIN PROFILES	CS501
SD106	STORM DRAIN PROFILES	CS502
S101	DEWEY AVE. LAYOUT & STRIPING PLAN	LP101
S102	DEWEY AVE. LAYOUT & STRIPING PLAN	LP102
S106	PARK ST. STRIPING PLAN	LP103
		LP104

STRUCTURAL ENGINEER

SNOWDEN ENGINEERING

8128 E 63rd St. Tulsa, OK 74133 (918) 252-4557

ELECTRICAL ENGINEER

TFK ENGINEERING

PO BOX 2204 Broken Arrow, OK 74012 918-527-3520

CONSTRUCTION DOCUMENTS

WATER STREET STRIPING PLAN DEWEY AVE. LAYOUT & STRIPING PLAN
LITH ITY PLAN
UTILITY PLAN
UTILITY PLAN
SANITARY SEWER PLAN & PROFILE
DEWEY AVE. JOINT LAYOUT PLAN
DEWEY AVE. JOINT LAYOUT PLAN
DEWEY AVE. JOINT LAYOUT PLAN
SANITARY SEWER PLAN & PROFILE
SANITARY SEWER PLAN & PROFILE
DETAILS 1
LAYOUT PLAN
LAYOUT PLAN
LAYOUT PLAN
LAYOUT PLAN

INTERSECTION LAYOUT PLAN
DETAILS
DETAILS
LANDSCAPE PLAN
STREET TREE PLANTING PLAN
DETAILED PLANTING PLAN (1)
DETAILED PLANING PLAN (2)
DETAILED PLANTING PLAN (3)
LANDSCAPE DETAILS
IRRIGATION PLAN
IRRIGATION PLAN
IRRIGATION PLAN
IRRIGATION NOTES AND DETAILS
LIGHT POLE AND CHUTE STRUCTURE
OVERHEAD GATEWAY
GENERAL STRUCTURAL NOTES AND SPECIAL
INSPECTIONS
OVERALL AND ENLARGED FRAMING PLAN
ENLARGED FRAMING PLAN
SECTIONS

5000	GENERAL ARCHITECTURAL NOTES AND SPECIFICATIONS
5003	STANDARD PAVING PLAN & LIGHT POLE DETAILS
5002	ARCHITECTURAL SITE PLAN
6005	OVERHEAD GATEWAY DETAILS
5001	ARCHITECTURAL SITE PLAN
5004	OVERHEAD GATEWAY
5006	STOREFRONT TYPES AND DETAILS
5007	MOCK-UP & ALTERNATE DETAILS
101	ELECTRICAL PLAN - MAIN ST. TO WATER ST.
102	ELECTRICAL PLAN - WATER ST. TO PARK ST.
201	ELECTRICAL NOTES AND DETAILS
103	ELECTRICAL PLAN - PARK ST. TO ELM ST.
202	ELECTRICAL SCHEDULES

LANDSCAPE ARCHITECT

LP105 D101 D102 LS101 LS102 LS103 LS104 LS105 LS106 LI101 LI102 LI103 LI104 S200 S201 S001

S100 S101 S202

CIVIL ENGINEER

PLANNING DESIGN GROUP

5314 S Yale Ave Suite 510 Tulsa, OK 74135 918 628-1255

RT 66 ENGINEERING

28 N. Water Street Sapulpa, OK 74066 918-520-9976

ARCHITECT

REED ARCHITECTURE & INTERIORS

18 E. Hobson Ave. Sapulpa, OK 74066 918-884-6007



REVISIONS





CIVIL SPECIFICATIONS

- WATER AND SANITARY LINES.
- WATER AND SEWER NOTES ON SHEET CU109.

DEMOLITION PLAN NOTES

- SUNDAYS, AND LEGAL HOLIDAYS.
- DEMOLITION AND DISPOSAL OF ALL MATERIALS.
- AND DISPOSAL OF ANY MATERIALS.
- FREE OF DEBRIS, MUD, ROCK, AND TRASH AT ALL TIMES.
- MATERIAL PER THE SPECIFICATIONS.
- UTILITIES.
- SMOOTH TRANSITION IN UTILITY SERVICE.

- AND FEDERAL LAWS.
- CONTACT THE ENGINEER IMMEDIATELY.
- AND FEDERAL LAW.
- HIGH WINDS.
- THE ENGINEER OF RECORD.
- COORDINATE WITH PROPERTY OWNERS.
- PART OF NEW CONSTRUCTION.
- RETURNED TO SAPULPA MAIN STREET DIRECTOR.

NOTES

- BUILDINGS.
- REMOVAL.

1. ALL CIVIL WORK TO BE DONE IN ACCORDANCE WITH OKLAHOMA DEPARTMENT OF TRANSPORTATION 2019 SPECIFICATIONS FOR HIGHWAY CONSTRUCTION EXCEPT FOR

2. WATER AND SEWER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF SAPULPA STANDARD SPECIFICATION, DATED AUGUST 21, 2014. WATER AND SEWER LINES MUST ALSO MEET THE MOST CURRENT ODEQ REGULATIONS. SEE ADDITIONAL

1. PRIOR TO ANY WORK, CONTRACTOR SHALL CONTACT THE OKLAHOMA ONE-CALL SYSTEM, 1-800-522-6543, TO LOCATE EXISTING UTILITIES. PHONE BETWEEN 10 DAYS AND 48 HOURS PRIOR TO COMMENCEMENT OF WORK, EXCLUDING SATURDAYS,

2. CONTRACTOR SHALL ABIDE BY ALL FEDERAL, STATE, AND LOCAL CODES FOR THE

3. ENGINEER SHALL NOT BE LIABLE FOR ANY DEMOLITION PROCEDURES, SCHEDULING,

4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL TRASH AND BUILDING MATERIALS. ALL WASTE MATERIAL GENERATED BY DEMOLITION AND CONSTRUCTION ACTIVITIES SHALL BE HAULED OFF-SITE TO A LEGAL DUMP SITE AND DEPOSITED AT THE CONTRACTORS EXPENSE. THE HAUL ROUTE SHALL BE MAINTAINED

5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE SURE THAT ADJACENT PROPERTY IS NOT DAMAGED AND IS ACCESSIBLE AT ALL TIMES.

6. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE, STRUCTURES. UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL

7. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE DISCONNECTION, REMOVAL AND RELOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.

THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE ENGINEER WITH ONSITE LOCATIONS OF EXISTING

ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A

10. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO DEMOLITION.

11. CONTRACTOR MAY LIMIT SAW-CUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.

12. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATERMAIN SHUT-OFFS WITH THE CITY/COUNTY DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATERLINE SHUT-OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION WILL BE PROVIDED.

13. IF ANY ABANDONED SEPTIC TANKS ARE FOUND PRESENT WITHIN THE LIMITS OF DISTURBANCE THEY SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE,

14. IF THE CONTRACTOR FINDS ANY UNDERGROUND TANKS ON SITE, THEY SHALL

15. ALL WELLS SHALL BE CAPPED AND CLOSED IN ACCORDANCE WITH APPLICABLE STATE

16. ALL REMOVED AND SALVAGED ITEMS SHALL BECOME THE PROPERTY OF THE CONTRACTOR, UNLESS SPECIFICALLY NOTED OR REQUESTED BY THE OWNER.

17. THE CONTRACTOR SHALL USE PERIODIC WETTING AND OR WATERING WITHIN LIMITS OF CONSTRUCTION TO CONTROL/DUST AND DIRT CAUSED BY DEMOLITION WORK OR

18. ALL EXISTING PAVEMENT, BASE COURSES, SIDEWALKS, CURBS, FOUNDATIONS, ETC. SHOWN TO BE DEMOLISHED ARE TO BE REMOVED TO FULL DEPTH.

19. ANY CAVITIES LEFT BY STRUCTURES, FOUNDATIONS, OR TREE STUMP REMOVAL SHALL BE BACK FILLED AND COMPACTED PER THE SPECIFICATIONS, OR AS INSTRUCTED BY

20. CONTRACTOR SHALL MAINTAIN SAFE, PUBLIC ACCESS TO ALL BUILDINGS AT ALL TIMES.

21. ALL REMOVED EXISTING PLANTERS, BENCHES, TRASH AND PET WASTE RECEPTACLES ARE TO BE RETURNED TO SAPULPA MAIN STREET DIRECTOR, CINDY LAWRENCE. CONTACT AT DIRECTOR@SAPULPAMAINSTREET.COM OR 918-224-5709.

22. EXISTING SAPUPLA TIMES CLOCK TO BE REMOVED, PROTECTED, AND RELOCATED AS

23. ALL HISTORIC RT 66 SIGNAGE AND PAVERS TO BE CAREFULLY REMOVED AND

1. EXISTING SIDEWALK TO REMAIN UP TO FIRST JOINT IN FRONT OF

2. REFER TO ELECTRICAL PLANS AND COORDINATE WITH ELECTRICAL COMPANY FOR ALL POWER POLE AND OVERHEAD ELECTRIC



SCALE

q.29-202:









EROSION CONTROL NOTES

- LOCATED AND MARKED.

- BARRIER REPAIR AND/OR REPLACEMENT.
- CONTROL DUST.
- AREAS, WHICHEVER OCCURS LAST.
- IN PLACE.
- ROADWAYS SHALL BE REMOVED IMMEDIATELY.
- OF SEEDING, MULCH OR SILT FENCE.
- DAYS AFTER THE ACTIVITY HAS CEASED.
- BEEN COMPLETED.

ODOT STANDARDS

TEMPORARY FIBER LOG TFL-0 IPD-0 TEMPORARY SILT DIKE APPLICATIONS TSD-0

EROSIC

1. THE CONTRACTOR SHALL CONTACT "OKIE" AT 811 OR 800-552-6543, THREE (3) WORKING DAYS BEFORE BEGINNING ANY WORK, SO EXISTING UNDERGROUND UTILITIES MAY BE

2. THE EROSION CONTROL PLAN WILL INCORPORATE EROSION CONTROL MEASURES AND TECHNIQUES TO PREVENT SEDIMENT AND ERODED SOIL FROM LEAVING THE SITE EITHER IN THE EXISTING STORM DRAIN SYSTEM OR ONTO ADJACENT PRIVATE AND PUBLIC PROPERTY. CONSTRUCT TEMPORARY EROSION CONTROL SYSTEMS AS SHOWN ON THE PLANS TO PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM EROSION AND SEDIMENTATION. CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEER AT ONCE IF SITE CONDITIONS WARRANT ADDITIONAL EROSION CONTROL MEASURES. CONTRACTOR IS RESPONSIBLE FOR TAKING IMMEDIATE ACTION TO REMEDY EROSION CONTROL MEASURES WHILE ENGINEER IS PREPARING RESPONSE.

3. ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY GROUND DISTURBING ACTIVITIES.

4. THE APPROPRIATE EROSION CONTROL DEVICE(S) SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITY AND SHALL BE PROPERLY MAINTAINED AND/OR OPERATED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. SILT FENCE SHOWN ON PLANS IS A SUGGESTED LAYOUT. IF CONDITIONS WARRANT, THE CONTRACTOR MAY SUBMIT AN ALTERNATE EROSION CONTROL PLAN TO THE CONSULTING ENGINEER FOR APPROVAL

5. SEDIMENT COLLECTED BEHIND THE SILT FENCES OR SEDIMENT BARRIER SHALL BE REMOVED WHEN SEDIMENT REACHES ONE THIRD THE HEIGHT OF THE BARRIER.

6. SEDIMENT FILTERS AND SILT FENCES SHALL BE INSPECTED AND MAINTAINED NO LESS THAN WEEKLY AND/OR WITHIN 24 HOURS OF A RAINFALL EVENT OF 0.5 INCHES OR MORE. MAINTENANCE SHALL INCLUDE BUT IS NOT LIMITED TO SEDIMENT REMOVAL,

7. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, PERIODICALLY WATER THE SITE TO

8. SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE REMOVED FOLLOWING CONSTRUCTION OR UPON PERMANENT STABILIZATION OF THE DISTURBED AND GRADED

9. ALL DISTURBED GRASS AREAS WITHIN THE CONSTRUCTION AREA SHALL BE REPAIRED OR REPLACED AND SHALL MEET OR EXCEED PRE DEVELOPMENT CONDITIONS.

10. THE SILT FENCE SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION AND DEBRIS REMOVAL HAS BEEN COMPLETED AND PERMANENT EROSION CONTROL MEASURES ARE

11. ACTIONS MUST BE TAKEN TO MINIMIZE THE TRACKING OF MUD AND SOIL FROM CONSTRUCTION AREAS ONTO PUBLIC ROADWAYS. SOIL TRACKED ONTO THE

12. SOIL STOCKPILES SHALL BE LOCATED AWAY FROM STREAMS, PONDS, SWALES AND CATCH BASINS. STOCKPILES SHALL BE ADEQUATELY CONTAINED THROUGH THE USE

13. WHERE CONSTRUCTION OR LAND DISTURBING ACTIVITY WILL OR HAS TEMPORARILY CEASED ON ANY PORTION OF A SITE, TEMPORARY SITE STABILIZATION MEASURES SHALL BE REQUIRED AS SOON AS PRACTICABLE, BUT NO LATER THAN 14 CALENDAR

14. SEDIMENT-LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING OR OTHER EXCAVATION ACTIVITIES SHALL BE PUMPED TO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, SWALE OR CATCH BASIN.

15. PERMANENT EROSION CONTROL MEASURES SUCH AS SEEDING AND/OR SODDING SHALL TAKE PLACE AS SOON AS POSSIBLE AFTER FINAL GRADING OPERATIONS HAVE

TESCA-0 TYPICAL TEMPORARY EROSION/ SEDIMENT CONTROL APPLICATIONS

INLET PROTECTION (AGGREGATE AND REINFORCED SILT FENCE APPLICATIONS)

ON CONTROL LEGEND

INLET PROTECTION. RE: CE103





8/10/2022 8:00:50 A



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SPACING UNLESS OTHERWISE NOTED.

GRADING PLAN NOTES:

- BEGINNING ANY WORK, SO EXISTING UNDERGROUND UTILITIES MAY BE LOCATED AND MARKED.
- AND SPECIFICATIONS.
- 3. THE MAXIMUM CROSS SLOPE ON ANY SIDEWALK OR RAMP SHALL BE TWO PERCENT.
- SPECIFICATIONS.
- AREAS HAVE TOPSOIL TO A DEPTH OF FOUR TO SIX INCHES (4"-6").
- OPERATIONS. THE CONTRACTOR SHALL NOT TRACK MUD ON THE PUBLIC STREETS.
- OF CURB, GUTTER OR FINISH GRADE AS INDICATED ON THE PLANS, UNLESS NOTED OTHERWISE
- STANDARD DRAWINGS AND SPECIFICATIONS.
- 10. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND SHALL NOT DAMAGE OR DISTURB ANY SERVICE. THE OPERATIONS.
- WATER LINES IS 30".
- ADJUST ALL VALVE BOXES AND MANHOLE COVERS TO FINISHED GRADE WHEN APPLICABLE.
- 13. IF FIELD GRADE ADJUSTMENTS ARE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
- MANHOLE LIDS AND SLEEVES IN PAVED AREAS SHALL BE HS-25 TRAFFIC RATED
- <u>اللا</u> 15. SHALL NOTIFY THE ARCHITECT/ENGINEER FOR CLARIFICATION PRIOR TO CONSTRUCTION.
- WITH THE ENGINEER OF RECORD PRIOR TO ANY CONSTRUCTION WORK.
- RIGHT-OF-WAY. ALL UTILITIES MUST BE LOCATED PRIOR TO GRADING START.
- 18. ALL CUT OR FILL SLOPES SHALL BE A MAX 3:1 SLOPE OR FLATTER UNLESS OTHERWISE NOTED
- TO INVERT OUT.
- SEWER"
- PERMIT AND THE SWPPP FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- FINAL GRADE. REFER TO THE LANDSCAPE PLAN.
- THROUGHOUT ALL PHASES OF CONSTRUCTION.

- 26. NO HAZARDOUS MATERIALS SHALL BE BROUGHT ON SITE OR GENERATED AT THE SITE.

ADA NOTES

- CHANGES TO ADA RELATED ITEMS.
- ADJACENT STREET GRADES EXCEED 5%, THEN SIDEWALK RUNNING SLOPES MAY MATCH STREET GRADES.
- ROUTES.
- PRIVATE PROPERTY RAMPS SHALL HAVE THE FACE OF THE CURB TRANSITIONS PAINTED YELLOW.
- 5. ALL ADA PARKING AREAS SHALL BE 2% MAXIMUM IN ALL DIRECTIONS.

PAVING NOTES

- 1. TRAFFIC CONTROL MEASURES SHALL BE IN-ACCORDANCE WITH CITY AND THE LATEST VERSION OF THE MUTCD.
- PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND ANY NEW PAVEMENT.
- PAVEMENT.

THE CONTRACTOR SHALL CONTACT "OKIE" AT 811 OR 800-522-6543, ONE CALL SERVICE, THREE (3) WORKING DAYS BEFORE

2. EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH STRUCTURAL BUILDING PLANS

EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND

5. UNLESS OTHERWISE SHOWN, NEW PAVING SHALL BE CONSTRUCTED TO ALLOW FOR POSITIVE DRAINAGE TO CATCH BASIN. CURB, GUTTER, AND OTHER RUNOFF COLLECTION DEVICES. NEW PAVEMENT SLOPE SHALL BE MINIMUM 0.50% FOR CONCRETE AND 1.5% FOR ASPHALT UNLESS OTHERWISE INDICATED OR DIRECTED BY THE ARCHITECT/ENGINEER.

6. ALL DISTURBED AREAS THAT ARE NOT TO BE PAVED SHALL BE SODDED UNLESS NOTED OTHERWISE. ENSURE ALL DISTURBED

THE CONTRACTOR SHALL KEEP THE SITE CLEAN AT ALL TIMES AND CONTROL DUST RESULTING FROM THE EARTHWORK

8. NEW CONTOURS DENOTE TOP OF FINISHED PAVING AND GRADED AREA AS INDICATED. ALL PROPOSED ELEVATIONS ARE TOP

9. PUBLIC STORM DRAIN SYSTEMS AND STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH COUNTY/CITY

CONTRACTOR SHALL REPAIR, AT CONTRACTOR'S OWN EXPENSE, ANY DAMAGED UTILITIES CAUSED BY CONSTRUCTION

11. ALL PIPES, SHALL HAVE A MINIMUM COVER OF (1) FEET TO TOP OF PIPE, UNLESS NOTED OTHERWISE. MIN. COVER FOR

IF, AT ANY TIME THE CONTRACTOR FINDS ERROR AND/OR CONFLICTS IN THE CONTRACT DOCUMENTS, THE CONTRACTOR

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS. ANY DISCREPANCY FOUND SHALL BE DISCUSSED

THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF EXISTING UTILITIES ON SITE OR IN

19. ALL STORM SEWER PIPE CONNECTIONS TO STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT. ALL STORM SEWER STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT IN

20. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH THE PAVEMENT AND SHALL HAVE TRAFFIC BEARING RINGS AND COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 3" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM

21. SITE GRADING SHALL NOT PROCEED UNTIL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AND OUTLINED IN THE GENERAL NPDES

22. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE FOUR TO SIX INCHES (4"-6") OF TOPSOIL TO

23. THE CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS

24. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES. SLOPE PAVING, SIDEWALKS, EXIT PORCHES, PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS.

25. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE. AS NECESSARY, TO RETURN IT TO THE EXISTING CONDITION OR BETTER, CONTRACTOR SHALL REPAIR AND RESTORE ANY AREAS DAMAGED DURING CONSTRUCTION AS HIS OWN EXPENSE

1. ANY REQUEST BY THE GOVERNING AUTHORITY OR INSPECTOR TO ALTER ADA COMPLIANCE DETAILS OR REQUIREMENTS DEPICTED ON AND IN THESE PLANS AND SPECIFICATIONS MUST BE DIRECTED TO THE OWNER'S CONSTRUCTION MANAGER FOR AUTHORIZATION. ANY CHANGES MADE WITHOUT PROPER AUTHORIZATION AND LATER FOUND TO BE NON-COMPLIANT WITH THE DETAILS AS SHOWN ON AND IN THESE PLANS AND SPECIFICATIONS WILL BE REMOVED AND REPLACED TO BE MADE FULLY COMPLIANT, REGARDLESS OF MAGNITUDE, AT THE CONTRACTOR AND/OR SUB-CONTRACTOR'S EXPENSE. THE CONTRACTOR MUST FOLLOW THE "REQUEST FOR INFORMATION" (RFI) PROCESS IN ACQUIRING THE APPROVAL OF

2. ALL NEW SIDEWALKS OR ADA PATHS (SIDEWALKS TO BE REMOVED & REPLACED OR STRIPED ADA PATHS) SHALL NOT EXCEED 2% CROSS SLOPE & 5% RUNNING SLOPE. FOR SIDEWALKS CONTAINED WITHIN THE PUBLIC R/W AND WHEN

3. 1/8" MAXIMUM DEPTH TO TOP OF SEALANT AND 1/8" MAXIMUM PROTRUSION TO TOP OF SEALANT ALONG ADA ACCESS

3. ALL TRENCH BACKFILL FOR OPEN CUT PAVEMENT AREAS SHALL BE BACKFILLED FULL DEPTH WITH AGGREGATE BASE MATERIAL AND COMPACTED IN 9 INCH LIFTS TO 95% STANDARD PROCTOR DENSITY TO THE BOTTOM OF SURFACE





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E. DEWEYST.



E. DEWEYST.





ODOT STANDARDS

PMD-1-1 & PRM-1-2 MJB-4-2 CI-2-2 SSIF-5-1 CIG-4-1 PCI-1-1 PRECAST MANHOLES CAST IN PLACE MANHOLES CAST-IN-PLACE CURB INLETS STORM SEWER INLET FRAMES (CURB INLETS) CAST IRON GRATES (CURB INLETS) PRECAST CURB INLET (DESIGNS 1,2 AND 3)

NOTE: TRENCH BACKFILL FOR STORM PIPE TO BE TYPE "A" AGGREGATE BASE COMPACTED TO 95% STANDARD PROCTOR DENSITY FROM 4" BELOW PIPE TO TOP OF TRENCH. TRENCH WIDTH FOR PIPES PER ODOT STD FPI-4-2.



9.29-2023











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PROFILE SCALE: 1" = 20' HORIZONTAL















PAVEMENT MARKING (CROSSWALKS AND LEFT TURN BAY) PAVEMENT MARKING (WORDS AND NUMERALS) PAVEMENT MARKING (ARROWS)

1. ALL STRIPING ON DEWEY TO BE TRAFFIC STRIPE (MULTI-POLYMER) IN ACCORDANCE WITH 2019 ODOT

2. ALL CIVIL SITE CONSTRUCTION TO BE IN ACCORDANCE WITH 2019 OKLAHOMA DEPARTMENT OF TRANSPORTATION

3. ALL CONCRETE SIDEWALK AND STREET WORK ASSOCIATED WITH THE PROJECT IS TO BE RETURNED TO PRE-CONSTRUCTION

ALL CONCRETE SIDEWALK AND STREET WORK ASSOCIATED WITH THE PROJECT IS TO BE RETURNED TO PRE-CONSTRUCTION CONDITION AT





8/10/2022 8:00:50 AI



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PANEL REINFORCEMENT NOTES:

- 1. CHAIR ASSEMBLIES SHALL BE OF A TYPE APPROVED BY THE ENGINEER AND AT LEAST ONE CHAIR WILL BE REQUIRED FOR EACH 16 SQUARE FEET OF PAVEMENT, OR IN SUCH NUMBER AS TO FULLY SUPPORT THE REINFORCING STEEL
- 2. VIBRATION EQUIPMENT SHALL BE REQUIRED TO ENSURE COMPLETE AND UNIFORM CONSOLIDATION OF CONCRETE AROUND THE REINFORCING STEEL.
- 3. THE RECOMMENDED PLACEMENT OF THE LONGITUDINAL STEEL IS TO BE SUPPORTED ON TRANSVERSE STEEL & CHAIR ASSEMBLIES. CHAIR ASSEMBLIES MUST BE USED.
- 4. ALL PANELS TO BE REINFORCED ARE DESIGNATED WITH THE LETTER "R"

1. THIS JOINT LAYOUT PLAN IS MEANT AS A GUIDELINE FOR THE CONTRACTOR. MINOR ADJUSTMENTS CAN BE MADE BY CONTRACTOR TO THE JOINT LAYOUT

2. JOINTS TO BE CLOSE TO SQUARE WITH THE SHORT SIDE NOT LESS THAN 2/3

LEGEND :

EXPANSION JOINT PER ODOT STD. LECS-5-0

— ISOLATION JOINT PER ODOT STD. LECS-5-0

LONGITUDINAL JOINT PER ODOT STD. LECS-5-0

——— DOWELED CONTRACTION JOINT PER ODOT STD. LECS-5-0 WITH BARS AND BASKETS PER ODOT LTU-5-0

---- NON-DOWELED CONTRACTION JOINT PER ODOT STD. LECS-5-0





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UTILITY NOTES

- EXACT OR COMPLETE.
- BACKFILLING.
- AND THE FINAL CONNECTION OF SERVICE.
- OTHERWISE NOTED).
- 7. THE CONTRACTOR SHALL INCLUDE IN THE BID PRICE ALL MATERIAL AND LABOR ASSOCIATED AGENCIES.
- 8. TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH
- OSHA REGULATIONS.
- 10. REFER TO ELECTRICAL PLANS FOR SITE LIGHTING.
- SHALL BE PER CITY STANDARD SPECIFICATION.
- COMPENSATION WILL BE PROVIDED.

- OBTAINING PERMITS AND RELEASE OF BOND.
- NEW UTILITY DESIGN.
- MAY BE LOCATED AND MARKED.
- WHENEVER ANY PIPELINE IS LEFT UNATTENDED.
- TIMES TO ROADWAYS, DRIVEWAYS AND BUILDING ENTRANCES.
- SPECIFIED ON PLANS.
- JURISDICTION HAVING AUTHORITY.

- IN THE EVENT THE ENGINEER AND OWNER ARE NOT NOTIFIED OF A DESIGN CONFLICT.
- FIVE FEET.
- SHALL BE INCLUDED IN OTHER PAY ITEMS.
- SAFE, POLLUTION FREE CONDITION THROUGHOUT THE PROJECT.

THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING

2. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINES. CONTRACTOR SHALL COORDINATE AND SCHEDULE TIE-INS, CONNECTIONS, ADJUSTMENTS AND RELOCATION WITH ALL UTILITY COMPANIES.

3. ALL UNDERGROUND LINES SHALL BE INSTALLED, INSPECTED AND APPROVED PRIOR TO

4. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION

5. THRUST BLOCKING SHALL BE PROVIDED AT ALL BENDS, TEES AND FIRE HYDRANTS, (UNLESS

6. ALL DIMENSIONS ARE TO THE CENTERLINE OF PIPE OR FITTING, UNLESS OTHERWISE NOTED.

WITH THE TESTING OF THE WATER AND SEWER LINES REQUIRED BY THE LOCAL AND/OR STATE

PROPOSED PAVEMENT ELEVATIONS, AND MANHOLES IN UNPAVED AREAS TO BE 6" ABOVE FINISHED GROUND ELEVATION. IF LOCATED WITHIN THE FLOOD PLAIN, USE WATER TIGHT LID.

9. ALL TRENCHING, PIPE LAYING AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL

11. ALL MATERIALS, CONSTRUCTION AND INSPECTION FOR WATER AND SANITARY SEWER LINES

12. THE CONTRACTOR SHALL COORDINATE WATERMAIN WORK WITH THE FIRE DEPARTMENT AND THE CITY UTILITY DEPARTMENT TO PLAN PROPOSED IMPROVEMENTS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE THROUGHOUT THIS SPECIFIC WORK AND THROUGH ALL PHASES OF CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATERMAIN SHUT-OFFS WITH THE CITY/COUNTY DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATERMAIN SHUT-OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA

13. CONTRACTOR SHALL FIELD VERIFY SERVICE CONNECTIONS AND COORDINATE WITH CITY & PROPERTY OWNERS. NOTIFY OWNERS 72 HOURS BEFORE SERVICE INTERRUPTIONS.

14. GENERAL CONTRACTOR SHALL PROVIDE ALL CONDUITS NECESSARY AS SHOWN ON THE PLAN, VERIFY LOCATION OF UTILITY TIE-IN AND PROVIDE NYLON PULL CORDS INSIDE THE CONDUIT.

15. THE CONTRACTOR SHALL INCLUDE IN BID PRICE, THE DAILY RECORD KEEPING OF THE AS-BUILT CONDITION OF ALL OF THE UNDERGROUND UTILITIES, CONSTRUCTION STAKING ASSOCIATED WITH THE PROJECT, PREPARATION OF THE NECESSARY/REQUIRED AS-BUILT WATER AND SEWER PLANS TO BE SUBMITTED AND ALL OTHER INFORMATION REQUIRED FOR

16. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS, MEASUREMENTS AND LOCATIONS OF EXISTING FACILITIES, UTILITIES, EQUIPMENT AND OTHER EXISTING ITEMS WHICH MAY AFFECT CONSTRUCTION AND

17. THE CONTRACTOR SHALL CONTACT "OKIE" AT 811 OR 800-522-6543, ONE CALL SERVICE, THREE (3) WORKING DAYS BEFORE BEGINNING ANY WORK, SO EXISTING UNDERGROUND UTILITIES

18. DURING CONSTRUCTION, TEMPORARY PLUGS SHALL BE INSTALLED AT ALL OPENINGS

19. ADEQUATE EMERGENCY VEHICLE AND PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL

20. WATER LINES SHALL BE INSTALLED PER LOCAL AUTHORITIES HAVING JURISDICTION OR AS

21. THE CONTRACTOR SHALL FURNISH ALL BONDS AND INSPECTION FEES AS REQUIRED BY THE

22. EXISTING UTILITY LOCATIONS ARE SHOWN APPROXIMATELY AND FOR GENERAL INFORMATION PURPOSES ONLY. THE CONTRACTOR IS TO VERIFY THE LOCATION, DEPTH AND INVERT OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO THE START OF CONSTRUCTION.

23. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE, AS NECESSARY, TO RETURN IT TO THE EXISTING CONDITION OR BETTER. CONTRACTOR SHALL REPAIR AND RESTORE ANY AREAS DAMAGED DURING CONSTRUCTION AT HIS OWN EXPENSE.

24. PRIOR TO THE CONSTRUCTION OF, OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, OR ANY OTHER ELEVATION SENSITIVE UTILITY, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTIONS AND ALL UTILITY CROSSINGS. THE CONTRACTOR SHALL INFORM THE ENGINEER AND THE OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. THE ENGINEER AND OWNER WILL BE HELD HARMLESS

25. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING AND BRACING NECESSARY TO MAINTAIN STRUCTURAL INTEGRITY FOR TRENCH EXCAVATIONS. THE USE OF A TRENCH BOX WILL PROVIDE A SAFER INSTALLATION OF UTILITIES EXCAVATION AREAS THAT EXCEED A DEPTH OF

26. CONTRACTOR SHALL PROVIDE A COPY OF ALL TEST RESULTS TO THE OWNER AND ENGINEER.

27. CONTRACTOR SHALL PROVIDE TEMPORARY ORANGE SAFETY FENCING AROUND ALL EXCAVATION, INCLUDING TRENCHES, PITS, VAULTS, ETC., TO MAINTAIN SECURITY AND SAFETY FOR ANIMALS, CHILDREN, OR ANY BYSTANDERS. THE COST FOR THE ORANGE SAFETY FENCE

28. ALL UNSUITABLE MATERIALS REMOVED DURING TRENCHING OR EXCAVATION SHALL BE DISPOSED OF AT A SITE APPROVED BY THE OWNER AND ENGINEER. PRIOR TO TRENCHING OR EXCAVATION, THE CONTRACTOR SHALL SUBMIT THE PROPOSED DISPOSAL SITE TO THE OWNER AND ENGINEER FOR THEIR REVIEW. MAINTENANCE OF STOCKPILE SITES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR MUST MAINTAIN STOCKPILE SITES IN A







8/10/2022 8:00:50 A



SCALE: 1" = 20' HORIZONTAL 1"=5' VERTICAL

SANITARY SEWER PROFILES 2







SANITARY SEWER PROFILES 2











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9.29.2023





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		PRO STC	Posed 15"							
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SCALE

q.29.2023













SCALE: 1" = 20'-0"

2



BUILDING GONCRETE WAŁK.

1+00

GENERAL UTILITY SPECIFICATION NOTE:

1. ALL WATER AND SEWER LINE SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF SAPULPA STANDARD SPECIFICATIONS, DATED AUGUST 21, 2014.

UTILITY NOTES:

- 1. PRIOR TO ANY WORK, CONTRACTOR SHALL CONTACT "OKIE" AT 811 OR 1-800-522-6543. TO LOCATE EXISTING UTILITIES PHONE BETWEEN 10 DAYS AND 48 HOURS PRIOR TO COMMENCEMENT OF WORK, EXCLUDING SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS.
- 2. MAINTAIN MINIMUM 10 FEET HORIZONTAL CLEARANCE BETWEEN WATER PIPE AND SANITARY SEWER PIPE. SANITARY SEWER LINES AND SEWER SERVICE LINES SHALL NOT BE LAID IN THE SAME TRENCH AS WATER MAINS AND/OR WATER SERVICE LINES.
- 3. EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
- 4. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS, MEASUREMENTS AND LOCATIONS OF EXISTING FACILITIES, UTILITIES, EQUIPMENT AND OTHER EXISTING ITEMS WHICH MAY EFFECT CONSTRUCTION SCHEDULES AND NEW UTILITY DESIGN.
- 5. EXISTING UTILITY LOCATIONS ARE SHOWN APPROXIMATELY AND FOR GENERAL INFORMATION PURPOSES ONLY. THE CONTRACTOR IS TO VERIFY THE LOCATION, DEPTH AND INVERT OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO THE START OF CONSTRUCTION.
- 6. DURING CONSTRUCTION TEMPORARY PLUGS SHALL BE INSTALLED AT ALL OPENINGS WHENEVER ANY PIPELINE IS LEFT UNATTENDED.
- 7. CONTRACTOR IS RESPONSIBLE FOR KEEPING A MINIMUM OF ONE LANE OF A ROADWAY OPEN DURING CONSTRUCTION. TEMPORARY ROADWAY OR BY-PASS PAVEMENT MUST BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION UNTIL PERMANENT PAVEMENT REPLACEMENT IS INSTALLED
- ADEQUATE EMERGENCY VEHICLE AND PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES TO ROADWAYS, DRIVEWAYS AND BUILDING ENTRANCES.
- 9. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING AND BRACING NECESSARY TO MAINTAIN STRUCTURAL INTEGRITY FOR TRENCH EXCAVATIONS. THE USE OF A TRENCH FORM WILL PROVIDE A SAFER INSTALLATION OF UTILITIES IN EXCAVATION AREAS THAT EXCEED A DEPTH OF FIVE FEET.
- 10. MAKE POWER CONNECTION TO CONTROL PANEL. PROVIDE CONDUIT AND REQUIRED POWER CONNECTIONS TO EACH PUMP AND ASSOCIATED FLOAT SWITCHES, FROM THE CONTROLLER PER MANUFACTURER REQUIREMENTS.
- 11. CONTRACTOR SHALL PROVIDE A COPY OF ALL TEST RESULTS TO THE OWNER AND ENGINEER.
- 12. NO HAZARDOUS MATERIALS SHALL BE BROUGHT ON SITE OR GENERATED AT THE SITE.
- 13. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDERS TO RELOCATE GUY WIRES AS NECESSARY.

FLUSHING, CLEANING, AND DISINFECTING:

1. REFER TO CITY OF SAPULPA CONSTRUCTION STANDARDS

WATERLINE NOTES:

- 1. CONSTRUCTION FOR ALL PUBLIC WATER FACILITIES SHALL BE IN ACCORDANCE TO CITY OF SAPULPA CONSTRUCTION STANDARDS.
- 2. WATER MAIN SHALL BE CONSTRUCTED ACCORDING TO THE FOLLOWING (AS APPLICABLE):
- 2.1. HORIZONTAL SEPARATION:
- MEASURE THE SEPARATION DISTANCE EDGE TO EDGE. 2.1.1.
- LOCATE WATER MAINS AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED SEWER LINES. 2.1.2. LOCATE WATER MAINS AT LEAST 5 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED STORM SEWERS, RAW WATER 2.1.3. LINES. PETROLEUM PRODUCT LINES. NATURAL GAS LINES. AND OTHER BURIED UTILITY LINES.
- LOCATE CAST IRON WATERLINES AT LEAST 10 FEET FROM ANY GASOLINE STORAGE TANK AND LINES AND PVC WATER 2.1.4. LINES AT LEAST 50 FEET HORIZONTALLY FROM ANY GASOLINE STORAGE TANK AND LINES.
- LOCATE WATERLINES AT LEAST 15 FEET FROM ALL PARTS OF SEPTIC TANKS AND ABSORPTION FIELDS, OR OTHER SEWAGE 2.1.5. TREATMENT AND DISPOSAL SYSTEMS.
- 2.2. VERTICAL SEPARATION:
- MEASURE THE SEPARATION DISTANCE FROM EDGE TO EDGE. 2.2.1.
- 2.2.2. LAY WATERLINES CROSSING SEWER LINES TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 24 INCHES BETWEEN THE WATER MAIN AND THE SEWER LINE. ARRANGE THE PIPING SO THAT JOINTS IN A 20-FOOT LENGTH OF PVC OR 18-FOOT LENGTH OF CAST IRON SEWER PIPE WILL BE EQUIDISTANT FROM THE WATER MAIN. WHERE A WATER MAIN CROSSES UNDER A SEWER, PROVIDE ADEQUATE STRUCTURAL SUPPORT FOR THE SEWER TO PREVENT DAMAGE TO THE WATER MAIN
- MAINTAIN A 2-FOOT VERTICAL SEPARATION BETWEEN WATERLINES AND ANY EXISTING OR PROPOSED STORM SEWERS, 2.2.3. RAW WATER LINES, PETROLEUM PRODUCT LINES, NATURAL GAS LINES, AND OTHER BURIED UTILITY LINES.
- 2.3. SPECIAL CONDITIONS. WHEN IT IS IMPOSSIBLE TO OBTAIN PROPER HORIZONTAL AND VERTICAL SEPARATION AS STIPULATED ABOVE, DESIGN AND CONSTRUCT THE OTHER LINE EQUAL TO WATER PIPE, AND PRESSURE TEST IT TO ASSURE WATER TIGHTNESS OF JOINTS ADJACENT TO THE WATER LINE PRIOR TO BACKFILLING.
- 3. SERVICE CONNECTIONS:
- CONTRACTOR SHALL CONNECT SERVICE LINE, AND OR METERS TO NEW WATER MAIN ONLY AFTER NEW WATER MAIN IS TESTED AND PUT INTO SERVICE.
- 4. MINIMUM COVER OVER WATER LINES SHALL BE 36 INCHES.
- CONTRACTOR TO VERIFY 6" WATER LINE STUB OUTS WITH FIRE MARSHAL, CITY OF SAPULPA AND BUILDING OWNERS FOR REQUIRED LOCATION BEFORE INSTALLATION.
- 6. IN ACCORDANCE WITH OAC 252:626-19-2(e) TEST THE INSTALLED PIPE FOR LEAKAGE IN ACCORDANCE WITH AWWA STANDARD SPECIFICATIONS. LEAKAGE MUST NOT EXCEED 10 GAL/INCH DIAMETER PER MILE OF PIPE PER 24 HOURS AT 150 PSI TESTING PRESSURE.
- 7. IN ACCORDANCE WITH OAC 252:626-19-2(f) DISINFECT ALL WATERLINES ACCORDING TO AWWA STANDARD SPECIFICATIONS. OBTAIN SAFE BACTERIOLOGICAL SAMPLES ON TWO CONSECUTIVE DAYS BEFORE PLACING THE WATERLINE INTO SERVICE.

- TO THE MAIN FOR SERVICE AT THE DEVELOPER'S EXPENSE.
- PREFORMED PLUG AND SHALL BE COMPLETELY FILLED WITH CLEAN SAND, CELLULAR CONCRETE OR FLOWABLE FILL.
- DEPTH NOTED ON THE DRAWINGS. SAND OR FLOWABLE FILL SHALL BE USED TO FILL THE STRUCTURE.

- AND ASTM C-478 FOR MATERIALS AND CONSTRUCTION. INSTALL MANHOLE ASTM C1821/C1821M-16(2021) HTTPS://WWW.CITYOFTULSA.ORG/MEDIA/19696/2022-EXECUTED-358-PRE-CAST-SANITARY-SEWER-MANHOLES.PDF

- LIMIT.
- BELOW ON THIS SHEET)

- WILL BE AS FAR AS POSSIBLE.
- SERVICE LINES.

THE BOTTOM OF THE PIPE.




3/10/2022 8:00:50 AN





GEND							
VER	PIGMENT COLORING	NOTES					
8" USED	INTEGRAL: PAPRIKA	ALL STAMPED AND COLORED CONCRETE		LAYO	UT LEGEND		
		SHALL BE BY BOMANITE OF TULSA. CONTACT: CHARLES FOSTER PH: (918) 850-2000		\bigcirc	ROUND PLANTER		LIGHT POLE TYPE F
OLD RODUCT	N/A	EMAIL: CHARLES@BOMANITEOFTULSA.COM CONTRACTOR TO PROVIDE COLOR AND TEXTURE SAMPLES FOR APPROVAL.		• • •	STEEL TREE GRATE	a	LIGHT POLE TYPE F
NCRETE)	INTEGRÀL: GOBI DESERT		Į		LOADING RAMP	•	CHUTE STRUCTURE FOOTING/DECORAT
1P. 2', 4',	INTEGRAL: RATTAN	BOARDWALK TEXTURE SHALL INCLUDE		0	BOLLARD		
OARD		STEEL "TROLLEY TRACK" INSETS. REFER TO DETAILS ON SHEET DIOI.		•	UPLIGHT		SEA
	N/A			٥	GFI RECEPTACLE		U
AMP, 6"X6"	INTEGRAL: GUNMETAL GRAY	REFER TO INTERSECTION DETAILS ON SHEETS LPIO4 AND LPIO5 FOR ROUTE 66 AND CITY OF SAPULPA LOGO PAVING					
NPLE MP	INTEGRAL: CASTLE GRAY	COLORING AND TEXTURES.					

3/4"=1'-0

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consultant:
ROUTE 66 ENGINEERING 28 N. WATER STREET
SAPULPA, OK 74066 (918) 248-1129 CA #8853 DATE 06/30/2023
LANDSCAPE DESIGN PLANNING DESIGN GROUP
5314 S YALE AVE. SUITE 510 TULSA, OK 74135
(918) 628-1255
NORTH
A CONTRACTOR
TEL OV
CONSTRUCTION DOCUMENTS
09/29/2023
DFIMEV
DEWET
STREETSCAPE
NEVELOPMENT
SAPULPA, OK 74066
REVISIONS
LAYOUT PLAN
JOB <u>22-18</u>
DRAWN BY: BBD
CHK'D BY: JC JAMES JAMES
SCALE As Indicated



0 8' 16' 1/16"=1'-0***____**___

32'

0 4' 8' 16' 3/32"=1'-0**'**

32'

0 4' 8' 1/8"=1'-0' 16' 1/4"=1'-(

GEND						
VER	PIGMENT COLORING	NOTES				
B" USED	INTEGRAL: PAPRIKA	ALL STAMPED AND COLORED CONCRETE	LAYC	DUT LEGEND		
		SHALL BE BY BOMANITE OF TULSA. CONTACT: CHARLES FOSTER PH: (918) 850-2000	\bigcirc	ROUND PLANTER	\bigcirc	LIGHT POLE TYPE F
OLD RODUCT	N/A	EMAIL: CHARLES@BOMANITEOFTULSA.COM CONTRACTOR TO PROVIDE COLOR AND TEXTURE SAMPLES FOR APPROVAL.		STEEL TREE GRATE	a	LIGHT POLE TYPE F
ICRETE)	INTEGRAL: GOBI DESERT			LOADING RAMP	•	CHUTE STRUCTURE FOOTING/DECORAT
P. 2', 4',	INTEGRAL: RATTAN	BOARDWALK TEXTURE SHALL INCLUDE	0	BOLLARD		
DARD		STEEL "TROLLEY TRACK" INSETS. REFER TO DETAILS ON SHEET DIOI.	•	UPLIGHT		SEA.
	N/A		8	GFI RECEPTACLE		U
AMP, 6"X6"	INTEGRAL: GUNMETAL GRAY	REFER TO INTERSECTION DETAILS ON SHEETS LPIO4 AND LPIO5 FOR ROUTE 66 AND CITY OF SAPULPA LOGO PAVING				
IPLE MP	INTEGRAL: CASTLE GRAY	COLORING AND TEXTURES.				

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	"The Team You Trust"
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	CONSULTANT:
	66 route 66 engineering civil engineering
	ROUTE 66 ENGINEERING 28 N. WATER STREET SAPULPA, OK 74066 (918) 248-1129
	CA #8853, DATE 06/30/2023 CONSULTANT:
	LANDSCAPE DESIGN PLANNING DESIGN GROUP 5314 S YALE AVE. SUITE 510 TULSA OK 74135
	(918) 628-1255
CONCRETE ERN - WITH Y TRACKS'.	20 0 10 20 40
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FOOTING-TYP.	
	DEWEY
	STREETSCAPE
	DEVELOPMENT
	SAPULPA, OK 74066
	REVISIONS
P-2A LANDSCAPE AREA	
TIVE CAP	
TRASH RECEPTACLE	LTIUZ
T WALL WITH PLANTER GATEWAY MONUMENT BASE	JOB <u>22-18</u>
	DRAWN BY: BBD CHK'D BY: JC
	E 121
	SCALE As Indicated



1/4"=1'-0'

1/2"=1'-0"

PRODUCT INFORMA

<u>BENCHES</u> LANDSCAPE FORMS 7800 E MICHIGAN STREET KALAMAZOO, MI 49048 PH: (800) 430-6209 WWW.LANDSCAPEFORMS.COM BENCH: PLAINWELL MODEL WITH BACK POWDER COATED, SURFACE MOUNT.

NOTE: BENCHES TO BE PURCHASED A BY THE OWNER. CONTRACTOR TO INS MANUFACTURERS RECOMMENDATIONS.

CIRCULAR BENCH STREET LIFE PHILLADELPHIA, PA PH: (215) 247-0148 H: (215) 24 1-0148 USA@STREETLIFE.COM BENCH: ROUGH AND READY 'ODDS ANI 5' INSIDE DIAMETER, 180 DEG., 20" DE HARDWOOD I - VIRGIN, UNTREATED WE STEEL BASE (-CT)

CONCRETE PLANTERS ROUND CONCRETE PLANTER MODEL: TF 4124 COLOR: TO BE DETERMINED

MANUFACTURED BY WAUSAU TILE OR . EQUAL

PO BOX 1520 WAUSAU, WI 54402-1520 PH: (800) 388-8728 WEB: WWW.WAUSAUTILE.COM

NOTE: CONCRETE PLANTERS TO BE PL PROVIDED BY THE OWNER. CONTRAC INSTALL PER MANUFACTURERS RECOM

BOLLARD RELIANCE FOUNDRY MODEL: R-8472-RA MATERIAL: STAINLESS STEEL 316 FINISH: POLYESTER POWDER COATED REFLECTIVE TAPE OPTION: YELLOW

info@reliance-foundry.com www.reliance-roundry.com PH: 1-888-735-5680

SIDEWALK PAVER KEYSTONE HARDSCAPES LOCAL REP: VICTOR MENDEZ PHONE: 817-481-5802 OFC 817-637-4448 CELL EMAIL: VICTORM@KEYSTONEHARSCAF WWW.KEYSTONEHARDSCAPES.COM PRODUCT INFO: HOLLAND STONE 60M 4,463 SQUARE FEET COLOR: OLD TOWN BLEND

STAMPED/COLORED CONCRETE

REFER TO LEGEND AND DETAILS

BOMANITE OF TULSA CONTACT: CHARLES FOSTER 4637 S IOIST E AVE., TULSA, OK 7414 PH: (918) 744-6272 INF0@BOMANITEOFTULSA.COM

VER	PIGMENT COLORING	NOTES				
" USED	INTEGRAL: PAPRIKA	ALL STAMPED AND COLORED CONCRETE SHALL BE BY BOMANITE OF TULSA.		DUT LEGEND	52,029	
OLD	N/A	CONTACT: CHARLES FOSTER PH: (918) 850-2000 EMAIL: CHARLES@BOMANITEOFTULSA.COM	\bigcirc	ROUND PLANTER	\bigcirc	LIGHT POLE TYPE P-
RODUCT		CONTRACTOR TO PROVIDE COLOR AND TEXTURE SAMPLES FOR APPROVAL.	•••	STEEL TREE GRATE	c)	LIGHT POLE TYPE P-
CRETE)	INTEGRAL: GOBI DESERT			LOADING RAMP	•	CHUTE STRUCTURE
P. 2', 4',	INTEGRAL: RATTAN	BOARDWALK TEXTURE SHALL INCLUDE STEEL "TROLLEY TRACK" INSETS REFER	0	BOLLARD		
		TO DETAILS ON SHEET DIOI.	•	UPLIGHT		SEAT
	N/A		8	GFI RECEPTACLE		U
MP, "X6"	INTEGRAL: GUNMETAL GRAY	REFER TO INTERSECTION DETAILS ON SHEETS LPIO4 AND LPIO5 FOR ROUTE 66 AND CITY OF SAPULPA LOGO PAVING				
PLE MP	INTEGRAL: CASTLE GRAY	COLORING AND TEXTURES.				

3/4"=1'-0"

1"=1'-0"

ATION		
	TRASH RECEPTACLE VICTOR STANLEY MODEL RB-36	-
CK, BLACK 72" LENGTH	NOTE: TRASH RECEPTACLES TO BE PURCHASED AND PROVIDED BY THE OWNER, CONTRACTOR TO INSTALL PER MANUFACTURERS RECOMMENDATIONS	_
AND PROVIDED ISTALL PER 5.	TREE GRATE IRON AGE DESIGNS MODEL SPIN - SPX72DIAI99TGHP MANUFACTURED BY IRON AGE DESIGNS OR APPROVED EQUAL 2104 SW I52ND ST #4 PURIEN WA 48166	C
AND ENDS' BENCH DEPTH, FSC MEATHERING	DURIEN, WA 90100 PH: 1-877-418-3568 WEB: WWW.IRONAGEGRATES.COM TREE ANCHOR FORESIGHT PRODUCTS 6430 EAST 49TH DRIVE COMMERCE CITY, CO 80022 DU. (000) 255 5260	c
APPROVED	WWW.EARTHANCHOR.COM APPROVED PRODUCT NUMBER = MODEL && RBK KIT ROOT BARRIER DEEPROOT GREEN INFRASTRUCTURE, LLC MODEL: UB 12-2 1032 IRVING STREET, #614	
PURCHASED AND CTOR TO MMENDATIONS	SAN FRANCISCO, CA 94122-220 (800) 458-7668 INFO@DEEPROOT.COM DALLAS, TX 75228	
D	STRUCTURAL SOIL MINICK MATERIALS REP: TIM SHANAHAN PH: (405) 834-8280 TIMS@MINICKMATERIALS.COM 326 NORTH COUNCIL ROAD OKLAHOMA CITY, OK 73127	
	STEEL CHANNEL "TROLLEY TRACKS" KING ARCHITECTURAL METALS 9611 RL THORNTON FRWY. DALLAS, TX 75228 PH: (800) 542-2379 WWW.KINGMETALS.COM MODEL: 64-3X4.1-20 STRUCTURAL CHANNEL,	
PES.COM	3" X 4.I LB-20 FT	
MM	CATCH BASIN GRATE IRON AGE DESIGNS MODEL: -INI&-I&II3HP MANUFACTURED BY IRON AGE DESIGNS OR APPROVED EQUAL 2104 SW I52ND ST #4 BURIEN, WA 98166 PH: I-8TT-418-3568 WEB: WWW.IRONAGEGRATES.COM	
46	-	_
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	1	R
2-2A	LANDSCAPE AREA	
P-IA	BENCH	
IVE CAP	TRASH RECEPTACLE	
WALL WITH PLA	NTER	



SCALE As Indicated

GATEWAY MONUMENT

BASE



32'

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16' 1/4"=1'-0

32'





SCALE: 1/8" = 1'-0"

re legend		
STAMP/PAVER	PIGMENT COLORING	NOTES
BOND 4"X8" USED	INTEGRAL: PAPRIKA	ALL STAMPED AND COLORED CONCRETE SHALL BE BY BOMANITE OF TULSA. CONTACT: CHARLES FOSTER PH: (918) 850-2000
E PAVER: OLD END RE: PRODUCT	N/A	EMAIL: CHARLESGBOMANITEOFTULSA.COM CONTRACTOR TO PROVIDE COLOR AND TEXTURE SAMPLES FOR APPROVAL.
100TH CONCRETE)	INTEGRAL: GOBI DESERT	
ALK STAMP. 2', 4', ANDOM BOARD	INTEGRAL: RATTAN	BOARDWALK TEXTURE SHALL INCLUDE STEEL "TROLLEY TRACK" INSETS. REFER
		TO DETAILS ON SHEET DIOI.
GETTS STAMP		
PATTERN, 6"X6" TONE SIZE	GRAY	REFER TO INTERSECTION DETAILS ON SHEETS LPIO4 AND LPIO5 FOR ROUTE 66
5LATE 'TRIPLE 'X30" STAMP	INTEGRAL: CASTLE GRAY	COLORING AND TEXTURES.

0	2'	4'	8'	0	1'	2'	4'	0	1'	2'	0	6"	1'	2'	0	3"	6
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PLANTING BED	
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	CONSULT L P 5 T
W W W W CUSTOM LIGHT POLE. RE: ARCH	8
5.5' WIDE STAMPED / INTEGRAL COLOR CONCRETE. 6"X6" "GRANITE SETTS". RADIAL PATTERN	
	CON
PLANTING BED	
	SAPU
	REVISION
ENSIONS GIVEN ARE HORIZONTAL APE ARCHITECT TO APPROVE FINAL LAYOUT OF ALL FEATURES. ETOR TO GAIN APPROVAL OF OWNER OR LANDSCAPE ARCHITECT ANY DIGGING TAKES PLACE. D PROJECT DETAILS FOR SPECIFICATIONS, MATERIALS, AND	INST
CTION DETAILS. ALL DIMENSIONS TO BE GIVEN AT RIGHT ANGLES UNLESS OTHERWISE N PLAN. IR TO CALCULATE COORDINATES AND STAKE THE LAYOUT OF 5 FOR SUB-CONTRACTOR. DIGITAL BASE INFORMATION WILL BE D TO CONTRACTOR OR THEIR SURVEYOR. CONTRACTOR IS IBLE FOR VERIFICATION OF ALL LAYOUT DATA PRIOR TO LAYOUT ECT.	JOB ISSUE DRAWN E
TOR IS RESPONSIBLE FOR INSTALLATION OF ALL SLEEVES FOR OUND UTILITIES INCLUDING, BUT NOT LIMITED TO IRRIGATION, WATER AND ELECTRICAL ITEMS.	CHK'D BY

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CIVIL ENGINEERING ROUTE 66 ENGINEERING
SAPULPA, OK 74066 (918) 248-1129
CA #8853, DATE 06/30/2023
CONSULTANT: LANDSCAPE DESIGN
PLANNING DESIGN GROUP 5314 S YALE AVE. SUITE 510
TULSA, OK 74135 (918) 628-1255
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DRAWN BY: BBD
CHK'D BY: JC JAMES JAMES JAMES JAMES
SCALE As Indicated

REED^{ARCHITECTURE} & INTERIORS



0 8' 16' 1/16"=1'-0**"____**____

0 4' 8'

3/32"=1'-0

16'

32'

0 4' 8' 32' 16' 1/8"=1'-0"

RE LEGEND		
/STAMP/PAVER	PIGMENT COLORING	NOTES
BOND 4"X8" USED	INTEGRAL: PAPRIKA	ALL STAMPED AND COLORED CONCRETE SHALL BE BY BOMANITE OF TULSA. CONTACT: CHARLES FOSTER PH: (918) 850-2000
E PAVER: OLD END RE: PRODUCT	N/A	EMAIL: CHARLES®BOMANITEOFTULSA.COM CONTRACTOR TO PROVIDE COLOR AND TEXTURE SAMPLES FOR APPROVAL.
100TH CONCRETE)	INTEGRAL: GOBI DESERT	
ALK STAMP. 2', 4', ANDOM BOARD	INTEGRAL: RATTAN	BOARDWALK TEXTURE SHALL INCLUDE STEEL "TROLLEY TRACK" INSETS. REFER TO DETAILS ON SHEET DIOI.
	N/A	
SETTS STAMP, PATTERN, 6"X6" TONE SIZE	INTEGRAL: GUNMETAL GRAY	REFER TO INTERSECTION DETAILS ON SHEETS LPIO4 AND LPIO5 FOR ROUTE 66 AND CITY OF SAPULPA LOGO PAVING
SLATE 'TRIPLE "X30" STAMP	INTEGRAL: CASTLE GRAY	COLORING AND TEXTURES.

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1/2"=1'-0"

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3/32"=1'-0

REFER TO ELECRICAL. CUT OUT FOR TREE

CAST IRON TREE GRATE. RE: PRODUCT INFO

MATERIAL: DUCTILE IRON 65-45-12 MANUFACTURER: IRON AGE DESIGNS

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JOB	22-18	
ISSUE	09/29/2023	23
DRAWN	B <u>Y: BBD</u>	LANDSCAS
CHK'D B	Y: JC	JAMES
SCALE	As Indicated	

3" 6" 3"=1'-0"

1 1/2"=1'-0



SCALE: |" = 50'-0"

GENERAL LANDSCAPE NOTES

H:HEIGHT, S:SPREAD CAL:CALIPER, O.C.: ON CENTER, B&B:BALLED & BURLAPPED, GAL:GALLON, ABH: AT BREAST HEIGH

THE MATERIAL LIST IS PROVIDED FOR THE CONTRACTOR'S CONVENIENCE. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR FIGURING ALL QUANTITIES FROM THE PLANTING PLAN AND COVERAGES FOR ALL BED AREAS. WHEN DISCREPANCIES OCCUR BETWEEN THE MATERIAL LIST AND THE PLANTING PLAN, THE PLANTING PLAN SUPERSEDES THE MATERIAL LIST IN ALL CASES. THE LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE FOR ALL PLANTS AND COVERAGE OF BED AREAS ON THE PLANTING PLAN. TREES IN THE LANDSCAPE MATERIAL LIST ARE TO BE OBTAINED FROM SPECIFIC VENDORS OR APPROVED EQUAL; REFER TO APPROVED VENDER LIST ON THIS SHEET.

PLANTING NOTES

- I. REMOVE ALL WEEDS AND GRASSES FROM PLANTING BEDS. IF BERMUDA GRASS IS PRESENT, IT SHALL BE ERADICATED BY APPROVED MEANS.
- 2. STEEL EDGING SHALL BE 3/16" X 4" STEEL LANDSCAPE EDGING WITH STEEL STAKES AS MANUFACTURED BY PRO STEEL; FORT WORTH, TEXAS.
- 3. WITHIN APPROVED BED AREAS, PREPARE SOIL BY ROTO-TILLING THREE INCHES (3") OF COMPOST (BACK TO NATURE SOIL CONDITIONER) OVER THE ENTIRE BED AREA TO A DEPTH OF SIX INCHES (6"). COMBINE WITH HIGH QUALITY IMPORTED TOPSOIL. NO EXISTING SOIL ON SITE ALLOWED IN PLANTING BEDS. TOPSOIL DEPTH IN PLANTING BEDS SHALL BE A MINIMUM OF 30".
- 4. SPREAD AN EVEN THREE INCHES (3") LAYER OF MULCH WITHIN ALL TREE WELLS, RAISED
- PLANTERS, AND PLANTER POTS. 5. ON ALL TREES TOP SIX INCHES (6") OF BACKFILL SHALL CONSIST OF A 1:1 MIXTURE OF COMPOST
- TO SOIL. 6. AROUND ALL TREES FORM A CIRCULAR RING FREE OF VEGETATION. CIRCLE SHALL BE TRUE IN
- FORM AND CENTERED ON TREE. 7. ALL TREES IN PLANTING BEDS SHALL BE STAKED WITH TWO (2) GREEN METAL SPLIT TEE FENCE
- POSTS AND TIED WITH WIRE THROUGH THE HOSE AS PER DETAIL. 8. APPLY OSMOCOTE AT A RATE OF 1/2 POUND PER TREE AND I POUND PER 100 SQUARE FEET TO
- SHRUB AND GROUNDCOVER PLANTING BEDS. 9. CONCRETE PLANTER POTS AND RAISED WALL PLANTERS SHALL RECEIVE 50/50 GROWERS MIX BY GEM DIRM.
- 10. STREET TREES: INSTALL GEM DIRT 80/20 MIX IN TREE PIT OVER CU STRUCTURAL SOIL, AS SHOWN ON DETAIL. ROTO-TILL THREE INCHES (3") OF COMPOST (BACK TO NATURE SOIL CONDITIONER) WITHIN THE TOP 6" OF SOIL.

REFER TO PLANTING SPECIFICATIONS SECTION NUMBER: 32 93 00

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SCALE

As Indicated



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<u>aty</u>	STM	COMMON / BOTANICAL NAME	SIZE		HEIGHT
22	\bigcirc	STREETWISE PERSIAN PARROTIA / PARROTIA PERSICA 'PP\$551'	4.5" CAL.	B\$B	15-18' HT.
8	\bigcirc	RESILIENCE OVERCUP OAK / QUERCUS LYRATA 'QLR510'	6" CAL	в\$в	
10	\bigcirc	FOREST PANSY REDBUD / CERCIS CANADENSIS 'FOREST PANSY'	2.5" CAL		8-1 <i>0</i> ' HT.

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LANDSCAPE DESIGN PLANNING DESIGN GROUP
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(918) 628-1255
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SCALE As Indicated



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3/32"=1'-0

CU STRUCTURAL SOIL 24" MIN. DEPTH REQUIRED

TREE ROOT BARRIER Deep Root Partners, L.P. 530 WASHINGTON STREET SAN FRANCISCO, CA 94111 PH: (800) 458-7668 WWW.DEEPROOT.COM APPROVED PRODUCT NUMBER = LB 12-2 ROOT PRUNING CONTROL BARRIER

FORESIGHT PRODUCTS 6430 EAST 49TH DRIVE COMMERCE CITY, CO 80022 PH: (800) 325-5360 WWW.EARTHANCHOR.COM APPROVED PRODUCT NUMBER = MODEL 88 RBK KIT

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CONSULTANT: LANDSCAPE DESIGN PLANNING DESIGN GROUP 5314 S YALE AVE. SUITE 510 TULSA, OK 74135 (918) 628-1255
CONSTRUCTION DOCUMENTS 09/29/2023
DEWEY Streetscape Development Sapulpa, ok 74066
REVISIONS
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JOB <u>22-18</u> ISSUE <u>09/29/2023</u> DRAWN B <u>Y: BBD</u> CHK'D BY: JC JAMES JAMES
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PRODUCT INFORMATION

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1/2"=1'-0

3"=1'-0"

1 1/2"=1'-0

PLANT MATERIA

FINISH GRADE/TOP OF MULCH

POP-UP SPRAY SPRINKLEF

1/2" PVC 90, SOCKET X MIP

1/2" FLEX PVC. 12-INCH MIN.

PVC SCH 40 TEE OR ELL

- 1/2" PVC 90. SOCKET X MIP

FINISH GRADE

LINE FLUSHING

BRICK SUPPORTS

3/4" GRAVEL SUMP

(1 CUBIC FOOT)

THREE)

VALVE TLSOV

VALVE BOX

SEE SPECS

AUTOMATIC / MANUAL LINE

BLANK TUBING EXHAUS

BLANK TUBING SUPPLY

CLASS 200 PVC DRIF

(SIZE PER FLOW

- 1/2" MALE ADAPTE

HEADER

PVC OR POLY

4"0

FLUSHING VALVE PLUMBED TO

INSERT TEE (TYP

- 6" SOIL STAPLE (TY

ISERT CROSS (TYP

INSTALL FIRST TECHLINE®

LOOP 24 INCHES (24") FROM

CENTER OF TREE TRUNK.

SIZE DRIPPER SPACING AND RATE FOR TREE TYPE AND

APPLICATION

1/16"=1'-0"

ZONE # TAG ´## ` | ## |

1/4"=1'-0'

INSTALLATION NOTES

- COORDINATE IRRIGATION INSTALLATION WITH PLANTING PLAN AND SITE CONDITIONS TO PROVIDE COMPLETE COVERAGE WITH MINIMUM OVERSPRAY. THE IRRIGATION CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO ENSURE PROPER COVERAGE AT NO ADDITIONAL COST TO THE OWNER. THE IRRIGATION CONTRACTOR SHALL COMPLY WITH ALL LOCAL AND STATE MANDATED IRRIGATION ORDINANCES AND CODES, AND WILL SECURE ALL REQUIRED PERMITS. I.C. SHALL PAY ANY ASSOCIATED FEES UNLESS OTHERWISE NOTED. ALL LOCAL CODES SHALL PREVAIL OVER ANY DISCREPANCIES HEREIN AND SHALL BE ADDRESSED BEFORE ANY CONSTRUCTION BEGINS.
- 2. NO MACHINE TRENCHING SHALL BE PERMITTED WITHIN THE ROOT ZONE OF EXISTING TREES. HAND-DIG ONLY, WITHIN THE ROOT ZONES OF EXISTING TREES. NO ROOTS OVER 1" DIAMETER SHALL BE CUT. STAKE ALL PROPOSED TRENCH ROUTES NEAR EXISTING TREES FOR APPROVAL BY THE LANDSCAPE ARCHITECT BEFORE DIGGING BEGINS. 3. CONFIRM MINIMUM STATIC WATER PRESSURE OF 65 PSI AT THE HIGHEST ELEVATION OF THE SYSTEM LIMITS, AND MAXIMUM STATIC WATER PRESSURE
- OF 90 P.S.I. AT THE LOWEST ELEVATION OF THE SYSTEM LIMITS AT LEAST 7 DAYS BEFORE BEGINNING WORK. IF STATIC WATER PRESSURE IS OUTSIDE THE RANGE STATED ABOVE, DO NOT PROCEED UNTIL DIRECTED BY THE LANDSCAPE ARCHITECT 4. LATERAL PIPE SHALL BE INSTALLED AT A MINIMUM DEPTH OF 12 INCHES. MAINLINE PIPE AND WIRES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 18
- INCHES. NO MACHINE TRENCHING SHALL BE PERMITTED WITHIN EXISTING TREE ROOT ZONES. WHEN HAND TRENCHING WITHIN EXISTING TREE ROOT ZONES, NO ROOTS LARGER THAN 1" DIAMETER SHALL BE CUT.
- IRRIGATION PLANS ARE DIAGRAMMATIC ONLY. IRRIGATION EQUIPMENT MAY BE SHOWN IN IMPERVIOUS SURFACES FOR GRAPHIC CLARITY PURPOSES. I.C. SHALL MAKE MINOR ADJUSTMENTS, AT NO ADDITIONAL COST TO THE OWNER, OF THE LOCATIONS OF THE IRRIGATION EQUIPMENT IN ORDER TO AVOID UTILITIES OR IMPERVIOUS SURFACES. R.F.I.S MAY BE SUBMITTED FOR APPROVAL OF CHANGES. UNSLEEVED PIPES MAY BE SHOWN UNDER PAVEMENT FOR GRAPHIC CLARITY ONLY. INSTALL THESE PIPES IN ADJACENT LANDSCAPED AREAS.
- 6. ELECTRIC POWER SHALL BE PROVIDED WITHIN FIVE FEET OF CONTROLLER LOCATION BY GENERAL CONTRACTOR. I.C. TO PROVIDE FINAL HARD-WIRE TO CONTROLLER. 7. 24 VOLT VALVE WIRE SHALL BE A MINIMUM OF #14 GAUGE, U.F. APPROVED FOR DIRECT BURIAL, SINGLE CONDUCTOR "IRRIGATION WIRE". WIRE
- SPLICES SHALL INCLUDE DBY CONNECTORS AS MANUFACTURED BY 3M COMPANY. ALL FIELD SPLICES SHALL BE LOCATED IN A ROUND VALVE BOX OF SUFFICIENT SIZE TO ALLOW INSPECTION
- 8. VALVE BOXES SHALL BE INSTALLED FLUSH WITH GRADE, SUPPORTED BY BRICKS IF NEEDED, WITH 3 INCHES OF CLEAN PEA GRAVEL LOCATED BELOW THE VALVE. USE 12" x 17" RECTANGULAR VALVE BOXES WITH PURPLE LID FOR QUICK COUPLING VALVES, AND 10" ROUND BOXES FOR ELECTRIC VALVES UNLESS NOTED OTHERWISE
- 9. USE RIGID SCH. 80 PVC SWING JOINT ASSEMBLIES TO CONNECT ALL ROTARY HEADS AND QUICK COUPLERS 10. ALL SPRAY HEADS SHALL BE CONNECTED WITH A 12" MINIMUM LENGTH OF 1/2" FLEX PVC. THE FLEX PVC SHALL BE SOLVENT WELDED TO SCHEDULE 40 PVC FITTINGS WITH WELD-ON #795 SOLVENT AND #P-70 PRIMER.
- 11. PROVIDE ONE QUICK COUPLER KEY WITH SWIVEL HOSE ELL FOR EVERY SIX Q.C. VALVES. (MINIMUM ONE SET). 12. CONTRACTOR IS TO CONTACT APPROPRIATE AUTHORITIES AND LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
- 13. LATERAL PIPE TO TREE TREE DRIP RINGS IS OMITTED FOR GRAPHIC CLARITY. CONNECT DRIP RINGS TO VALVES AS SHOWN WITH CLASS 200 PVC PIPE SIZED TO ALLOW A MAXIMUM FLOW VELOCITY OF 5 FEET PER SECOND
- 14. THE PROPOSED LOCATIONS OF ALL ABOVE- GROUND EQUIPMENT INCLUDING BACKFLOW PREVENTORS, CONTROLLERS AND WEATHER SENSORS SHALL BE STAKED BY THE CONTRACTOR FOR APPROVAL BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE BEFORE THESE ITEMS ARE INSTALLED.
- 15. ALL HEADS SHALL BE INSTALLED A MINIMUM OF 4" FROM PAVEMENT EDGES. (6" OR GREATER WHERE REQUIRED BY LOCAL CODE) FINAL HEAD ADJUSTMENTS BY THE CONTRACTOR SHALL INCLUDE THE ADDITION OF CHECK VALVES WHERE NEEDED TO PREVENT EXCESSIVE LOW HEAD DRAINAGE. THE CONTRACTOR SHALL BUDGET FOR, AND INSTALL CHECK VALVES FOR UP 10 % OF THE TOTAL NUMBER OF HEADS WHEN NEEDED, WITH NO ADDITIONAL COST TO THE OWNER
- 16. WHERE SHOWN ON THE PLANS, MASS SHRUB / GROUNDCOVER BEDS SHALL INCLUDE RAINBIRD XFS-CV-06-12 SERIES DRIP TUBE WITH PRE-INSTALLED .6 GPH DRIP EMITTERS AT 12" INTERVALS (XFS-CV-06-12), INSTALLED IN CENTER-FED GRIDS WITH ROWS SPACED 18" APART. INDIVIDUAL DRIP TUBE RUNS SHALL NOT EXCEED 150 L.F. PVC LATERAL "TRUNK" LINES SHALL BE INSTALLED 10" DEEP. DRIP TUBE SHALL BE SET 2" BELOW FINISHED SOIL GRADE (NOT INCLUDING MULCH LAYER), SECURELY STAKED EVERY 18". FLUSH VALVES SHALL BE INSTALLED AT THE FARTHEST POINTS FROM THE ZONE VALVE. USE 17 MM BARBED FITTINGS FOR DRIP LINE CONNECTIONS WITH 40 PSI MAX. PRESSURE REGULATOR. USE RAINBIRD "QF" HEADER FOR HEADER / EXHAUST LINES, WITH TWIST-LOCK FITTINGS. RAINBIRD DRIP TUBE SHALL BE INSTALLED PERPENDICULAR TO SLOPE FACE. INSTALL IN-LINE CHECK VALVES FOR EVERY 10 FEET OF DRIP LINE ELEVATION CHANGE WITHIN THE ZONE. USE STAPLES TO SECURE TUBING EVERY 18" EACH DRIP ZONE SHALL INCLUDE ONE RAINBIRD MAINTENANCE "FLAG" MODEL #OPERIND WHICH SHALL CONSIST OF A 12" POP-UP SPRAY HEAD AND COMPLETELY CLOSED SPRAY NOZZLE. THE POP-UP HEAD SHALL BE CONNECTED TO THE DRIP ZONE PIPE, SET FLUSH WITH GRADE, AND LOCATED AT THE FARTHEST DISTANCE FROM THE DRIP VALVE ASSEMBLY. INSTALL THE "FLAG" HEAD ADJACENT TO EDGING OR IN LOW PLANTINGS FOR EASE OF VIEWING. LATERAL PIPE CONNECTING SEPARATE DRIP GRIDS ON THE SAME ZONE IS OMITTED FOR GRAPHIC CLARITY. SIZE LATERAL PIPE JOINING SEPARATE DRIP GRIDS ON THE SAME ZONE VALVE WITH 3/4" CLASS 200 PVC PIPE SPARSLEY SPACED, INDIVIDUAL SHRUB PLANTINGS MAY INCLUDE RAINBIRD #XBT-10 SINGLE-OUTLET EMITTERS OR RAINBIRD #XBT-10-6 MULTI-OUTLET EMITTERS INSTALLED AS DETAILED. PROVIDE MINIMUM TWO, 1 G.P.H. OUTLETS PER INDIVIDUAL SHRUB. SINGLE / MULTI-OUTLET EMITTERS MAY BE CONNECTED TO THE SAME DRIP ZONE VALVE WHICH SERVES ADJACENT DRIP TUBE GRIDS, UNLESS NOTED OTHERWISE.

IRRIGATION LEGEND

Δ	8 LINEAR FEET OF RAINBIRD #LDQ0806 1/4" DRIP TUBE PLACED IN AN EVENLY SPAC
	RAINBIRD XFS-CV-06-12 SERIES DRIP TUBE SPACED AROUND TREE TRUNK. (SEE T
	SEE INSTALLATION NOTE #13 REGARDING TREE DRIP RING LATERAL PIPE
	2 LINEAR FEET OF RAINBIRD #LDQ0806 1/4" DRIP TUBE PLACED IN LIGHT POLE HAN
ଷ ଅ	RAINBIRD 1812-SAM-PRS SERIES POP UP SPRAY HEAD WITH U-SERIES NOZZLE AS WEATHERMATIC #910 AUTOMATIC DRAIN VALVE INSTALLED WITHIN LATERAL PIPE I
	RAINBIRD XFS-CV-06-12 SERIES DRIP TUBE IN SHRUB BED INSTALLED AT 2" DEPTH SEE INSTALLATION NOTE #16 REGARDING DRIP TUBE LAYOUT IN SHRUB BEDS.
	RAINBIRD PEB SERIES ELECTRIC REMOTE CONTROL VALVE RAINBIRD XCZ-100-PRB-COM / XCZ-150-LCS SERIES AUTOMATIC DRIP VALVE ASSEM AND COMMERCIAL BASKET FILTER WITH STAINLESS STEEL SCREEN
	SEE INSTALLATION NOTE #13 REGARDING LATERAL PIPE TO TREE DRIP RING RAINBIRD 33-DNP QUICK COUPLING VALVE WITH LOCKING PURPLE COVER AND 3/4
	ZURN / WILKINS 375XLB SERIES <u>REDUCED PRESSURE</u> TYPE BACKFLOW PREVENTO WITH HEATED / INSULATED ALUMINUM ENCLSOURE AND SAME SIZE BRONZE G.C. TO COORDINATE POWER TO BACKELOW ENCLOSURE LOCATION PRIOR 1
	LASCO "V" SERIES SCH. 80 PVC TRUE UNION BALL VALVE. MAINLINE SIZE
\bigcirc	IRRIGATION WATER METER AND TAP, SIZE AS NOTED ON THE PLAN
	RAINBIRD ESP12LXME2 SERIES AUTOMATIC CONTROLLER WITH TWO ESPLXMSM WR2-RFC RAIN / FREEZE SENSOR LOCATE SENSOR AS FIELD DIRECTED BY
	SCHEDULE 40 PVC MAINLINE PIPE
	 CLASS 200 (EXCEPT 1/2 INCH #315) PVC LATERAL PIPE
	– ONE 4" CLASS 200 SLEEVE PIPE
= $=$ $=$	= ONE 4" ONE 2" CLASS 200 SLEEVE PIPES UNLESS NOTED OTHERWISE
$\equiv \equiv \equiv$	E TWO 4" ONE 2" CLASS 200 SLEEVE PIPES UNLESS NOTED OTHERWISE
~ - ~	1 1/2" PVC CONDUIT WITH LONG RADIUS SWEEP FITTINGS
I.C. SHAL	L SELECT SPRAY NOZZLES FOR "HEAD-TO-HEAD" COVERAGE, ADJUSTED
FOR NO	OVERSPRAY ONTO WALLS AND WALKS. NO OVERSPRAY INTO STREETS IS PERMITTED

1 1/2"=1'-0

DRIP VALVE # TAG

3/32"=1'-0"

1/8"=1'-0"

1/16"=1'-0"

SPECIAL INSPECTIONS

REQUIRED SPECIAL INSPECTIONS AND TESTS FOR SOILS	6	
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		Х
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		Х
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.		Х
VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	х	
PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.		Х

REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONS	STRUCTION	
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
INSPECT REINFORCEMENT AND VERIFY PLACEMENT.		Х
INSPECT ANCHORS CAST IN CONCRETE.		Х
VERIFY USE OF REQUIRED DESIGN MIX.		Х
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	х	
INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	Х	
VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		Х
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		Х

'LEVEL B' QUALITY ASSURANCE REQUIRED SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION MINIMUM TESTS

VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) AS DELIVERED TO THE PROJECT SITE IN ACCORDANCE WITH ARTICLE 1.5.B. 1. b. 3 FOR SELF CONSOLIDATING GROUT VERIFICATION OF fm AND fAAG IN ACCORDANCE WITH ARTICLE 1.4B PRIOR TO CONSTRUCTION. EXCEPT WHERE SPECIFICALLY EXEMPTED BY THE CODE.

	MINIMUM SPECIAL INSPECTION		
	TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
VERIF	Y COMPLIANCE WITH THE APPROVED SUBMITTALS.		Х
AS MA	SONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:		
Α.	PROPORTIONS OF SITE-PREPARED MORTAR.		Х
В.	CONSTRUCTION OF MORTAR JOINTS.		Х
C.	LOCATION OF REINFORCEMENT AND CONNECTORS.		Х
PRIOR	TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:		
Α.	GROUT SPACE.		Х
В.	GRADE, TYPE, AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS.		Х
C.	PLACEMENT OF REINFORCEMENT AND CONNECTORS.		Х
D.	PROPORTIONS OF SITE-PREPARED GROUT.		Х
E.	CONSTRUCTION OF MORTAR JOINTS.		Х
VERIF	DURING CONSTRUCTION:		
Α.	SIZE AND LOCATION OF STRUCTURAL ELEMENTS.		Х
В.	TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.		x
C.	WELDING OF REINFORCEMENT.		Х
D.	PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40° F) OR HOT WEATHER (TEMPERATURE ABOVE 90° F)		х
Ε.	PLACEMENT OF GROUT.		Х
OBSEF	VE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS.		Х

REQUIRED SPECIAL INSPECTIONS OF FABRICATED STEEL	-	
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
AT THE COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING CODE OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.	х	

	REQUIRED SPECIAL INSPECTIONS OF STEEL CONSTRUCTION	ON	
	TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
INSPE CONS	CTION OF STEEL FRAME JOINT DETAILS FOR COMPLINCE WITH APPROVED TRUCTION DOCUMENTS.	Х	
Α.	DETAILS SUCH AS BRACING AND STIFFENING		Х
В.	MEMBER LOCATIONS		Х
C.	APPLICATION OF JOINT DETAILS AT EACH CONNECTION		Х
INSP	ECTION TASKS PRIOR TO BOLTING:	Х	
Α.	PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH, IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)		х
В.	PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL.		х
INSP	ECTION TASKS DURING BOLTING:		
A.	FASTENERS ASSEMBLIES OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED.	Х	
INSP	ECTION TASKS AT\FTER BOLTING:	x	
Α.	DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	Λ	

IN ACCORDANCE WITH CHAPTER 17 OF THE REFERENCE BUILDING CODE, THE OWNER SHALL EMPLOY INSPECTION AGENCIES TO PERFORM SPECIAL INSPECTIONS DURING CONSTRUCTION INCLUDING INSPECTIONS OF SHOP-FABRICATED ITEMS WHEN APPLICABLE. ALL INSPECTION AGENCIES, INCLUDING FABRICATION FACILITIES, WHEN REQUIRED, SHALL BE QUALIFIED AND APPROVED BY THE BUILDING OFFICIAL. REFER TO OTHER DISCIPLINES FOR SPECIAL INSPECTIONS OF NON-STRUCTURAL SYSTEMS.

4'

1' 2'

1' 2'

GENERAL STRUCTURAL NOTES

FOUNDATIONS

- SEPTEMBER 23, 2023
- LISTED ARE EMBEDMENT LENGTHS.

SPECIAL REQUIREMENTS

- REQUIRED FOR THESE SITES.
- MAXIMUM WATER ELEVATION.
- FOUNDATION SYSTEM. ANY LEAKS.

<u>CONCRETE</u>

ADMIXTURE.

<u>STEEL</u>

- W, WT SHAPES BARS, PLATES, CHANNE SQUARE, RECTANGULAR ROUND HSS:
- STRUCTURAL STEEL PIP ANCOR RODS:
- ALL-THREAD RODS: HEADED ANCHOR STUDS:
- ERECTED WITH STANDARD MACHINE BOLTS. 3. ALL EXPOSED STEEL TO BE AESS CATEGORY 4.

MASONRY

- OF 2000 PSI ON NET AREA AT 28 DAYS.
- - CELLS WHICH CONTAIN REINFORCING STEEL SHALL BE FILLED SOLIDLY WITH 3000 PSI CONCRETE, OR GROUT, INCLUDING BOND BEAMS, LINTELS, AND PILASTERS. 8. VERTICAL CELLS TO BE FILLED SHALL HAVE VERTICAL ALIGNMENT SUFFICIENT TO MAINTAIN A CLEAR UNOBSTRUCTED CONTINUOUS VERTICAL CELL NOT LESS THAN 2"X3" IN PLAN DIMENSIONS.

 - 10. VERTICAL WALL REINFORCING SHALL EXTEND CONTINUOUSLY FROM THE TOP OF FOUNDATION TO EMBED AT LEAST 6" INTO ROOF DIAPHRAGM BOND BEAM, OR TO TOP OF PARAPET WHEN PARAPET EXISTS.
 - NORMAL REINFORCING BAR, SHALL BE PLACED:
 - B. AT INTERSECTION OF EXTERIOR WALLS

 - В.
 - C.
 - ALL CMU WALLS.
- WILL NOT BE PERMITTED.

LIGHT GAUGE

2.

BRICK L WIDTH OF OPENI 0'-0" TO 6'-0" 6'-1" TO 9'-0" 9'-1" TO 12'-0" NOTE: ANGLES TO E SUPPORTING

1"=1'-0" 1/4"=1'-0" 3/4"=1'-0" 1 1/2"=1'-0" 1/2"=1'-0"

0 6" 1'

1. FOOTING DESIGNS ARE BASED UPON A SOIL BEARING VALUE OF 3000 POUNDS PER SQUARE FOOT PER 'AIMRIGHT TESTING AND ENGINEERING'. PROJECT #14560823. REPORT DATED

REINFORCING STEEL TO MEET A.S.T.M. SPECIFICATION A-615, LATEST REVISION, GR 60. ANCHOR BOLTS TO BE ASTM F1554, GRADE 55. PROVIDE DOUBLE NUTS FOR ALL STEEL COLUMN ANCHOR BOLTS TO ALLOW FOR ADJUSTMENT IN BASE PLATE ELEVATION. PROVIDE MIN. 1 INCH NON-SHRINK GROUT UNDER PLATE AFTER ERECTION. ANCHOR BOLT LENGTHS

NO TREES SHALL BE CLOSER THAN 20 FEET FROM THE EDGE OF THE FOUNDATION UNLESS SPECIAL PROVISIONS ARE MADE FOR PROTECTING THE FOUNDATION. ENGINEER AND FOUNDATION CONTRACTOR SHALL BE INFORMED OF ANY LOCATION WHERE FOUNDATIONS ARE TO BE BUILT HAVING TREES WITHIN THIS 20 FOOT ZONE. SPECIAL PLANS MAY BE

2. NO FOUNDATIONS SHALL BE CONSTRUCTED CLOSER THAN 25 FEET FROM THE POINT OF

3. LOCATE AND OPERATE LANDSCAPE IRRIGATION SYSTEMS TO MINIMIZE MOISTURE IMPACT ON

4. AFTER INSTALLATION OF IRRIGATION SYSTEMS, PRESSURE TEST THE SYSTEM AND REPAIR

1. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 LBS./SQ. INCH AT END OF 28 DAYS. ALL EXTERIOR FLATWORK TO BE 3500 LBS./SQ. INCH AND HAVE AN AIR-ENTRAINING

STRUCTURAL STEEL SHALL MEET THE FOLLOWING MINIMUM YIELD STRESS (Fy) ASTM SPECIFICATION

	TILLD	ASTINISFLOILIC
	50 KSI	A992
LS, ANGLES:	36 KSI	A36
R HSS:	50 KSI	A500, GRADE
	46 KSI	A500, GRADE
E:	35 KSI	A53, GRADE
	36 KSI	F1554
	36 KSI	A36

65 KSI TENSILE STRESS A108, GRADE 1010-1020 ALL COLUMN TO BEAM AND BEAM TO BEAM CONNECTIONS TO BE ERECTED WITH A.S.T.M. A-325 HIGH STRENGTH BOLTS UNLESS NOTED OTHERWISE. ALL OTHER CONNECTIONS MAY BE

5. ALL CMU SHALL BE 2-CELL BLOCK AND HAVE A SPECIFIED MINIMUM COMPRESSIVE STRENGTH

MINIMUM MORTAR COMPRESSIVE STRENGTH - 1800 PSI AT 28 DAYS.

9. FOUNDATION DOWELS SHALL EXTEND A MINIMUM OF 32 DIAMETER INTO THE FOUNDATION CONCRETE AND 48 DIAMETERS INTO THE MASONRY WALL OR PARTITION. LAPS OR SPLICES OF REINFORCING STEEL IN MASONRY SHALL BE 48 DIAMETERS. THERE SHALL BE A FOUNDATION DOWEL FOR EACH VERTICAL REINFORCING BAR

11. AND ADDITIONAL VERTICAL BAR, WITH FOUNDATION DOWEL, SAME SIZE AND LENGTH AS THE

A. ON EACH SIDE OF CONTROL JOINTS

C. AT INTERSECTION OF INTERIOR SHEAR WALLS W/ EXTERIOR WALL. 12. BOND BEAM REINFORCING STEEL (B.B.R.S.) AND HORIZONTAL JOINT REINFORCING (H.J.R.): A. B.B.R.S. AT ROOF AND FLOOR DIAPHRAGM LEVELS IN STRUCTURAL WALLS (LOAD BEARING & SHEAR) WILL BE CONTINUOUS EXCEPT AT ISOLATION JOINTS. INTERMEDIATE B.B.R.S. IN STRUCTURAL WALL & ALL B.B.R.S. IN NON-STRUCTURAL WALLS WILL TERMINATE ON EACH SIDE OF CONTROL JOINTS & ISOLATION JOINTS. H.J.R. WILL TERMINATE ON EACH SIDE OF CONTROL JOINTS & ISOLATION JOINTS FOR

D. PROVIDE LADDER OR TRUSS TYPE H.J.R. @ 16" O.C.

13 SUBSTITUTION OF EXPANSION ANCHORS FOR EMBEDDED ANCHORS SHOWN ON DRAWINGS

14. PROVIDE CONTROL JOINTS @ 20'-0" O.C. (MAX.) IN EXTERIOR MASONRY WALLS.

LIGHT GAUGE STEEL MEMBERS ARE TO BE DEPTH AND GAUGE NOTED ON DRAWINGS. YIELD STRESS (FY) FOR 18 AND 20 GAUGE MATERIAL IS TO BE MINIMUM 33,000 PSI. YIELD STRESS FOR 16 GAUGE AND HEAVIER IS TO BE MINIMUM 50,000 PSI.

.INTE	L SCHEDULE	
NG	ANGLE SIZE	
	L4x3 ¹ / ₂ x ¹ / ₄ (L.L.V.)	
	L5x3 ¹ / ₂ x ³ / ₈ (L.L.V.)	
	L6x4x 8 (L.L.V.)	
EXTEND A	A MIN. OF 8" INTO RY ON EACH SIDE.	

in part, for any other project, without the written authorization of

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NORTH

CONSTRUCTION DOCUMENTS 09/29/2023

DEWEY STREETSCAPE REDEVELOPMNET SAPULPA, OK 74066

REVISIONS

KEVIN W. SNOWDEN

18264 mouriest

GENERAL STRUCTURAL NOTES AND SPECIAL INSPECTIONS

230495 JOB ISSUE 09/29/2023 DRAWN BY: JRC CHK'D BY: KWS

S00 SCALE AS NOTED

0 3" 6" 1' 3" 6" 3"=1'-0"

3/4"=1'-0"

1/2"=1'-0"

	0	8'	16'	32'		0	4'	8'	16'	32'		0	4'	8'	16'
/16"=1'-0"					3/32"=1'-0"	_					1/8"=1'-0"				

	<section-header><section-header><section-header><text><text><text><text></text></text></text></text></section-header></section-header></section-header>
	NORTH
GN LOADS	CONSTRUCTION DOCUMENTS 09/29/2023 DEWEY STREETSCAPE SAPULPA, OK 74066
P-1A P-1B P-2A P-2B F5 HSS8x8x ¹ / ₂ HSS8x8x ¹ / ₂ HSS8x8x ¹ / ₂ HSS8x8x ¹ / ₂ REMOVABLE DUBLE CANTILEVER REMOVABLE REF. 1/S202 '0"X7'-0"X2'-0" DP. '7-0"X7'-0"X2'-0"	JOB 230495 ISSUE 09/29/2023 DRAWN BY: JRC CHK'D BY: KWS SNOWDEN 18264 KEVIN W. SNOWDEN 18264 SCALE AS NOTED

 0
 8'
 16'
 32'
 0
 4'
 8'
 16'
 0
 2'
 4'

 1/16"=1'-0"
 3/32"=1'-0"
 3/32"=1'-0"
 1/4"=1'-0"
 1/4"=1'-0"
 1/4"=1'-0"
 1/4"=1'-0"

1 ENLARGED TYPICAL FRAMING PLAN - TYPE 2

NOTES

1. ROOF PURLINS AND DECK PROVIDED BY OTHERS AND ARE NOT INCLUDED IN THIS PROJECT'S SCOPE. SHOWN HERE FOR CLARITY PURPOSES ONLY.

С	OLUMN	AND
MARK	P-1A	P-1B
COLUMN	HSS8x8x 1 PERMANENT SINGLE CANTILEVER	HSS8x8 REMOVAE SINGLE CANTILEV
FOOTING	7'-0"x7'-0"x2'-0" DP. w/ 16x1 3 x1'-4" BASE PL. & 6- 1"Ø A.B. (REF. 6/S200)	7'-0"x7'-0"x2' w/ 16x1 3 x1'-4 PL. & 6- 1"¢ (REF. 6/S2

DESIGN LOADS

20 PSF

19 PSF

LIVE LOAD

DEAD LOAD

 0
 2'
 4'
 0
 1'
 2'
 0
 3"
 6"
 1'
 0
 3"

 0"
 3/4"=1'-0"
 3/4"=1'-0"
 3/4"=1'-0"
 1"=1'-0"
 1'/2"=1'-0"
 1'/2"=1'-0"
 3"=1'-0"
 3"=1'-0"

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A. R-PANEL DECK		
PIL SUREVIS AT		
		NORTH CONSTRUCTION DOCUMENTS 09/29/2023
		DEWEY STREETSCAPE
		REDEVELOPMNET Sapulpa, ok 74066
		REVISIONS
	HEDULE	
P-2A SS8x8x ¹ / ₂ HSS8x8x ¹ / ₂ AOVABLE PERMANENT INGLE DOUBLE ITILEVER CANTILEVER '-0"x2'-0" DP. 7'-0"x2'-0" DP. 3x1'-4" BASE W/ 16x1 ³ / ₂ x1' 4" BASE	HSS8x8x ¹ / ₂ F3 HSS8x8x ¹ / ₂ REF. 1/S202 DOUBLE REF. 1/S202 OUBLE 7'-0"x7'-0"x2'-0" DP. ''-0"x7'-0"x2'-0" DP. 7'-0"x7'-0"x2'-0" DP. '' 16x1 ³ / ₂ x1'-4" BASE W/ 29x1x2'-5" BASE	JOB <u>230495</u> ISSUE <u>09/29/2023</u> DRAWN BY: <u>JRC</u> CHK'D BY: <u>KWS</u> KEVIN W.
18A1 - 4 DASE W/ 10x18x1-4 BASE W 6-11"Ø A.B. PL. & 6-11"Ø A.B. .F. 6/S200) (REF. 6/S200)	7 103.183.1-4 BASE W/ 293.182-5 BASE PL. & 6- 1"Ø A.B. PL. & 12- 1"Ø A.B. (REF. 6/S200) (REF. 1/S202)	Scale AS NOTED

1/2"=1'-0"

1/4"=1'-0"

1/8"=1'-0"

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1"=1'-0"

3/4"=1'-0"

3/4"=1'-0"

1"=1'-0"

1/2"=1'-0"

1/16"=1'-0"

1/8"=1'-0"

1/4"=1'-0"

1 1/2"=1'-0"

32'

 0
 8'
 16'
 32'
 0
 4'
 8'
 16'

 1/16"=1'-0"
 3/32"=1'-0"
 3/32"=1'-0"
 16'

 0
 4'
 8'
 16'
 0
 2'
 4'
 8'

 1/8"=1'-0"
 1/4"=1'-0"
 1/4"=1'-0"
 1/4"=1'-0"
 1/4"=1'-0"

 $2 \frac{\text{CMU BASE SECTION}}{\frac{3}{4}" = 1'-0"}$

 0
 1'
 2'
 4'
 0
 1'
 2'
 0
 6"
 1'
 2'

 1/2"=1'-0"
 3/4"=1'-0"
 3/4"=1'-0"
 1"=1'-0"
 1"=1'-0"
 1"=1'-0"
 0 3" 6" 1' 1 1/2"=1'-0"

1 <u>PLAN SECTION</u> 1/2" = 1'-0"

Д	
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JOB <u>230495</u> ISSUE <u>09/29/2023</u>	SSAFESSIO
JOB <u>230495</u> ISSUE <u>09/29/2023</u> DRAWN BY: <u>JRC</u>	El Q.
JOB <u>230495</u> ISSUE <u>09/29/2023</u> DRAWN BY: <u>JRC</u> CHK'D BY: <u>KWS</u>	KEVIN W. SNOWDEN
JOB 230495 ISSUE 09/29/2023 DRAWN BY: JRC CHK'D BY: KWS CHK'D BY: S	KEVIN W. SNOWDEN 18264
JOB <u>230495</u> ISSUE <u>09/29/2023</u> DRAWN BY: <u>JRC</u> CHK'D BY: <u>KWS</u> S2202	KEVIN W. SNOWDEN 18264

	0	8'	16'	32'		0	4'	8'	16'	32'
16"-1' 0"					2/22"-1' 0"					1

0 2' 4'

8'

(USED WITH CLOUD)

A101
 TYPE

 0' - 0"
 1/A101

SIM

1/A101

 $\left(1\right)$

(0)

Elevation

Name Elevation

[CPT-1]

H	Î
5' - 0"	
	_
~~~~	

_____

CALLOUT HEAD

CEILING TAG TYPE & HEIGHT

CENTERLINE

EXTERIOR ELEVATION MARK

INTERIOR ELEVATION MARK

GRID HEAD - NEW

GRID HEAD - EXISTING

KEYNOTE SYMBOL

LEVEL HEAD EXISTING

LEVEL HEAD NEW

MATERIAL TAG

STANDARD H/C SYMBOL

DIMENSION LINE (TO FACE OF)

MATCHLINE

GRID LINE

CENTERLINE

HIDDEN LINE

BREAK LINE

EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE DEMOLISHED / REMOVED

NEW CONSTRUCTION

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### CONSULTANT:

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### CONSULTANT:

STRUCTURAL ENGRINEER SNOWDEN ENGINEERING 8128 E 63rd St. Tulsa, OK 74133 918-252-4557

## CONSTRUCTION DOCUMENTS 09/29/2023

# DEWEY **STREETSCAPE** REDEVELOPMENT SAPULPA, OK 74066

REVISIONS

## GENERAL ARCHITECTURAL NOTES AND SPECIFICATIONS

2021.23 JOB 09/29/2023 ISSUE DRAWN BY: JLB CHK'D BY: DR

SCALE As indicate

/29/202

![](_page_62_Figure_0.jpeg)

![](_page_62_Figure_1.jpeg)

![](_page_62_Figure_2.jpeg)

0 1'

1/2"=1'-0

2'

4'

3/4"=1'-0"

0 2' 4'

1/4"=1'-0

8'

0 8' 16'

1/16"=1'-0"

32'

0 4' 8'

3/32"=1'-0

16'

32'

1/8"=1'-0

0 4' 8'

16'

## POLE TYPE SCHEDULE

MARK	DESCRIPTION
P-1A	SINGLE CANTIVER, SINGLE FIXTURE WITH ACCESSORIES; RE: AS003
P-1B	SINGLE CANTILEVER STRUCTURE ONLY.
P-2A	DOUBLE CANTIVER, DOUBLE FIXTURES W ACCESSORIES; RE: AS003
P-2B	DOUBLE CANTILEVER STRUCTURE ONLY
1. R 2. C 3. C	EFER SHEET AS000 FOR GENERAL NOTES ONTACT STEVE BRYANT AT TRIPLE C LIGHT ONCRETE BANDING SHALL BE CENTERED O

2'

0 3" 6"

![](_page_62_Figure_8.jpeg)

TING FOR POLE TYPES P-1A AND P-2A ON LIGHT POLES UNLESS OTHERWISE NOTED.

![](_page_62_Picture_12.jpeg)

SCALE As indicated

1' 0 3"=1'-0"

![](_page_63_Figure_0.jpeg)

0 1' 2'

1/2"=1'-0

0 8' 16'

1/16"=1'-0"

32'

0 4' 8'

3/32"=1'-0

16'

32'

1/8"=1'-0

0 4' 8'

16'

0 2' 4'

1/4"=1'-0

8'

POLE	TYPE SCHEDULE	SITE	PLAN LEGEND:			
MARK	DESCRIPTION	B-1	RETRACTABLE BOLLARD, RE: LANDSCAPE			
P-1A	SINGLE CANTIVER, SINGLE FIXTURE WITH SPECIFIED ACCESSORIES; RE: AS003	GR1	METAL GRATE, RE: LANDSCAPE			
P-1B	SINGLE CANTILEVER STRUCTURE ONLY.	RV	RV PANEL IN RECESSED QUAZITE BOX, RE: ELECTRICAL			
P-2A	DOUBLE CANTIVER, DOUBLE FIXTURES WITH SPECIFIED ACCESSORIES; RE: AS003		RECOMMENDED SITE FENCING			
P-2B	DOUBLE CANTILEVER STRUCTURE ONLY	SP	SPEAKER SHOWN FOR REFERENCE ONLY; OFOI			
<ol> <li>REFER SHEET AS000 FOR GENERAL NOTES</li> <li>CONTACT STEVE BRYANT AT TRIPLE C LIGHTING FOR POLE TYPES P-1A AND P-2A</li> <li>CONCRETE BANDING SHALL BE CENTERED ON LIGHT POLES UNLESS OTHERWISE NOTED.</li> </ol>						

0

3/4"=1'-0"

1' 2'

4'

1'

0

3"=1'-0"

3"

6"

2'

0 6" 1'

1"=1'-0"

![](_page_63_Picture_6.jpeg)

18 E. Hobson Avenue Sapulpa, OK 74066 918.884.6007 "The Team You Trust"

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### CONSULTANT:

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### CONSULTANT:

STRUCTURAL ENGRINEER SNOWDEN ENGINEERING 8128 E 63rd St. Tulsa, OK 74133 918-252-4557

## CONSTRUCTION DOCUMENTS 09/29/2023

# DEWEY **STREETSCAPE** REDEVELOPMENT SAPULPA, OK 74066

REVISIONS

## ARCHITECTURAL SITE PLAN

2021.23 JOB ISSUE _09/29/2023 DRAWN BY: JLB CHK'D BY: DR

SCALE As indicated

![](_page_64_Figure_0.jpeg)

1/16"=1'-0"

3/32"=1'-0

1/4"=1'-0

1/8"=1'-0

1/2"=1'-0 1"=1'-0" 3/4"=1'-

1 1/2"=1'-0"

![](_page_65_Figure_0.jpeg)

![](_page_66_Figure_0.jpeg)

![](_page_67_Picture_0.jpeg)

![](_page_67_Figure_1.jpeg)

![](_page_68_Figure_0.jpeg)

![](_page_69_Figure_0.jpeg)

![](_page_70_Figure_0.jpeg)

0 1' 2'

4'

0 1' 2'

0 2' 4'

8'

I 32'

0 4' 8'

16'

0 8' 16'

32'

0 4' 8' 16'

0 3" 6" 1'

0 3" 6"

| 2'

0 6" 1'

![](_page_70_Picture_2.jpeg)

![](_page_71_Figure_0.jpeg)
	LIGHT FIXTURE SCHEDULE					
		1		I		1
FIXTURE	MARK	MANF. CAT. #	LAMP	VOLTAGE	MOUNTING	DESCRIPTION
		KICHLER LIGHTING	3000K			2" X 4.5" BULLET LANDSCAPE LIGHT
TREE WELL	A	16016-AZT-30	300 LUMEN	120	SURFACE	TEXTURED BROZNE, 35 DEG BEAM ADJUSTMENT OUTPUT
		AMERICAL LIGHTING	4000K			40FT, 24 SOCKETS, WET LOCATION RATED
STRINGER	В	LS2-MS-24-48-BK	4800 LUMEN	120	SUSPENDED	WIRE TIE TO AIRCRAFT CABLE
		MP LIGHTING	4100K			12" BLACKSTEP LIGHT,
PYLON	С	L152-2-W41H-W-P-S3-CUSTOM BRONZE	90 LUMEN	120	RECESSED	RECESSED IN MASONRY
			4000K			6.5" LINEAR ACCENT LIGHT
PYLON	D	LIT PANELS IN SIGN PYLON	2000 LUMEN	120	SURFACE	WET LOCATION RATED,
		SUN VALLEY LIGHTING	4000K			TRADITIONAL LANTERN BLACK, ARM MOUNT
POLE SIDEWALK	P1	MOZ20-T-AL-PLEDIII-36-750MA-40K-120-1-RAL9005T	8900 LUMEN	120	POLE	BLACK, SINGLE HEAD
		SUN VALLEY LIGHTING	4000K			TRADITIONAL LANTERN BLACK, ARM MOUNT
POLE ISLAND	P2	MOZ20-T-AL-PLEDIII-36-750MA-40K-120-1-RAL9005T	8900 LUMEN	120	POLE	BLACK, TWO HEADS AT 180 DEG.
		1. COORDINATE/CONFIRM HEIGHT AND LOCATIONS OF 3 2. CONFIRM MOUNTING HEIGHT OF SCONCE WITH PYLC 3. PROVIDE PLUG ON STRINGER LIGHTS, FOR POWER F 4. COORDINATE FINAL LOCATION OF TREE WELL LIGHT 5. PROVIDE SUBMITTAL OF LIGHTS FOR APPROVAL PRI 6. PROVIDE POWER SUPPLY/XFMR AS REQUIRED BY TY	STRINGER ANCHO DN. FROM RECEPTACI WITH GRATING OR TO WORK. 'PE C, MOUNT INS	DRS. Les Bide Accessie	BLE PYLON BAS	E.



I 32' 0 8' 16' 32' 0 4' 8' 16' 0 4' 8' 16'

### ELECTRICAL GENERAL NOTES

1. PRIOR TO BID AND CONSTRUCTION SURVEY THE SITE TO DETERMINE ALL EXISTING CONDITIONS RELATED TO THE WORK. THIS INCLUDES ALL EXISTING UTILITIES.

2. ELECTRICAL CONTRACTOR TO COORDINATE THE MOUNTING HEIGHTS WITH ARCHITECTURAL DETAILS OR OWNER. 3. ALL CIRCUITS SHALL HAVE AN EQUIPMENT GROUND WIRE ROUTED IN THE CONDUIT.

4. ALL BRANCH CIRCUITS SHALL BE #10 THHN, MINIMUM.

5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING BREAKER SIZE AND DISCONNECT SIZE FOR EQUIPMENT WITH MECHANICAL CONTRACTOR AND WITH OWNER ON OWNER PROVIDED EQUIPMENT.

6. THE DRAWINGS ARE INTENDED TO COVER THE LAYOUT AND DESIGN OF THE WORK AND ARE NOT TO BE SCALED FOR MEASUREMENTS.

7. ANY CONNECTION TO OR RELOCATION OF EXISTING UTILITIES REQUIRING DISCONNECTION OF NORMAL UTILITY SERVICES SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER OR HIS REPRESENTATIVE. PREMIUM TIME SHALL BE INCLUDED.

8. IN NO CASE SHALL THE UTILITIES BE LEFT DISCONNECTED AT THE END OF A WORKDAY WITHOUT PRIOR AUTHORIZATION FROM THE OWNER.

9. PROVIDE ALL EXCAVATION NECESSARY FOR INSTALLATION OF THE WORK INCLUDED. COMPLY WITH ALL APPLICABLE AND GOVERNING SAFETY REGULATIONS INCLUDING OSHA.

10. CONTRACTOR SHALL REPAIR ANY EXISTING FACILITIES DAMAGED DUE TO THE OPERATIONS OF THE CONTRACTOR.

11. WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF ALL GOVERNING CODES, RULES AND REGULATIONS, INCLUDING THE FOLLOWING MINIMUM STANDARDS, WHETHER STATUTORY OR NOT: NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), INTERNATIONAL BUILDING CODE (IBC), AMERICANS WITH DISABILITIES ACT (ADA).

12. CONTRACTOR SHALL PROCURE AND PAY FOR ALL REQUIRED PERMITS AND LICENSES. 13. GUARANTEE EACH NEW SYSTEM AND EACH ELEMENT THEREOF AGAINST ANY DEFECT DUE TO FAULTY WORKMANSHIP, DESIGN OR MATERIAL FOR A PERIOD OF ONE YEAR.

14. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.

15. THE CONTRACTOR SHALL SHOW, ON PRINTS, ANY CHANGES FROM THE ORIGINAL DRAWINGS MADE DURING INSTALLATION DELIVER TO THE ARCHITECT WHEN THE WORK IS COMPLETED.

16. PROVIDE COPIES OF OPERATING AND SERVICE MANUALS, INCLUDING OPERATING INSTRUCTION, SERVICE INSTRUCTIONS, AND SUBMITTAL LITERATURE TO THE OWNER.

17. DEMONSTRATE TO AND INSTRUCT THE OWNER IN THE PROPER OPERATION AND MAINTENANCE OF ALL SYSTEMS.

18. WHERE EQUIPMENT IS FURNISHED BY THE OWNER OR OTHER CONTRACTOR, PROVIDE ROUGH-IN AND MAKE FINAL CONNECTIONS PER SHOP DRAWINGS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.

19. STORE EQUIPMENT AND MATERIAL TO PREVENT DAMAGE. DAMAGED EQUIPMENT SHALL BE REPLACED OR RESTORED TO A CONDITION ACCEPTABLE TO THE OWNER.

20. TEST ALL DEVICES, PERFORM EQUIPMENT START-UP, AND MAKE ANY ADJUSTMENTS REQUIRED TO MAKE THE EQUIPMENT FULLY OPERATIONS PER THE MANUFACTURER'S INSTRUCTIONS.

21. COORDINATE WITH OTHER TRADES WHEN LOCATING EQUIPMENT, LIGHTS, PIPING, ETC.

22. PROVIDE PULL STRING IN ALL EMPTY CONDUITS.

A NEW COMPLETE SERVICE.

24. THE "ELECTRICAL" DOCUMENTS ARE STAND ALONE DOCUMENTS BUT ARE A PORTION OF A LARGER SET OF CONSTRUCTION DOCUMENTS. REFER TO ALL DOCUMENTS FOR WORK.

25. FOR EXTERIOR LIGHTING CIRCUITS, PROVIDE 24HR/7DAY PROGRAMMABLE ASTRONOMICAL TIMECLOCK. PROVIDE EXTERIOR PHOTOCELL INPUT. ROUTE ALL EXTERIOR LIGHTING CIRCUITS THROUGH CONTACTOR CONTROLLED VIA TIMECLOCK.

l 2'

23. COORDINATE WITH ELECTRIC UTILITY FOR SERVICE REQUIREMENTS TO SITE AND PROVIDE AS REQUIRED FOR



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CONSULTANT:

# CONSTRUCTION DOCUMENTS 09/29/2023

# DEWEY **STREETSCAPE** REDEVELOPMNET SAPULPA, OK 74066

REVISIONS

# **ELECTRICAL NOTES** AND DETAILS

Thomas F. Keeter, PE# 17749 TFK Engineering, Inc. CofA# 5206 exp 6/2025

JOB	2021.23	
ISSUE	09/29/2023	
DRAWN BY:	TFK	
CHK'D BY:		
	KEETER SG	
	$U_{09}$ $U_{29/23}$	
SCALE		

	NA		PANE	LBC	DARD	)	240/120 - 1 PH	- 3 W
	NEMA 3R						250A -	MCB
	DESCRIPTION	CB	kVA	Ph	kVA	CB	DESCRIPTION	
1	TREE LIGHTS	20/1	0.60	Α	7.20	100/2	FESTIVAL POWER	2
3	TREE RECEPTS	20/1	0.90	B	7.20			4
5	PEDESTRIAN LIGHTS	20/1	0.60	Α	7.20	100/2	FESTIVAL POWER	6
7	POLE RECEPTS (CONST)	20/1	0.90	B	7.20			8
9	POLE RECEPT (SWITCH)	20/1	1.00	Α	7.20	100/2	RV PANEL	10
11	POLE RECEPT (SWITCH)	20/1	1.00	В	7.20			12
13	POLE RECEPT (SWITCH)	20/1	1.00	Α	0.60	20/1	QUAD	14
15	POLE RECEPT (SWITCH)	20/1	1.00	В	0.00			16
17	TREE RECEPTS	20/1	0.90	Α	0.00			18
19	GATEWAY SIGN	20/1	0.00	В	0.00			20
21		20/1	0.00	Α	0.00			22
23		20/1	0.00	В	0.00			24
25		20/1	0.00	Α	0.00			26
27		20/1	0.00	В	0.00			28
29		20/1	0.00	Α	0.00			30
31		20/1	0.00	В	0.00			32
33		20/1	0.00	Α	0.00			34
35		20/1	0.00	В	0.00			36
37		20/1	0.00	Α	0.00			38
39	SURGE ARRESTOR	20/2	0.00	В	0.00			40
41			0.00	Α	0.00			42
	CONTINUOUS		4.1	Х	1.25	=		5.1
	NON-CONTINUOUS		44.1	Х	1.00	=		44.1
	RECEPTACLE <10 kVA		3.5	X	1.00	=		3.5
	RECEPTACLE >10 kVA		0	X	0.50	=		0.0
	LARGEST MOTOR		0	X	0.25	=		0.0
	TOTAL kVA							52.7
	TOTAL AMPS							220

	SA		PANE	LBO	DARD		240/120 - 1 PH - 3	3 W
	NEMA 3R						250A - N	1CB
	DESCRIPTION	CB	kVA	Ph	kVA	CB	DESCRIPTION	
1	TREE LIGHTS	20/1	0.60	Α	7.20	100/2	RV PANEL	2
3	TREE RECEPTS	20/1	0.90	В	7.20			4
5	PEDESTRIAN LIGHTS	20/1	0.60	А	0.00	20/1	QUAD	6
7	POLE RECEPTS (CONST)	20/1	0.90	В	0.00			8
9	POLE RECEPT (SWITCH)	20/1	1.00	Α	0.00			10
11	POLE RECEPT (SWITCH)	20/1	1.00	В	0.00			12
13	POLE RECEPT (SWITCH)	20/1	1.00	Α	0.00			14
15	POLE RECEPT (SWITCH)	20/1	1.00	В	0.00			16
17	TREE RECEPTS	20/1	0.60	Α	0.00			18
19		20/1	0.00	В	0.00			20
21		20/1	0.00	Α	0.00			22
23		20/1	0.00	В	0.00			24
25		20/1	0.00	Α	0.00			26
27		20/1	0.00	В	0.00			28
29		20/1	0.00	Α	0.00			30
31		20/1	0.00	В	0.00			32
33		20/1	0.00	Α	0.00			34
35		20/1	0.00	В	0.00			36
37		20/1	0.00	Α	0.00			38
39	SURGE ARRESTOR	20/2	0.00	В	0.00			40
41			0.00	Α	0.00			42
	CONTINUOUS		3.2	X	1.25	=		4.0
	NON-CONTINUOUS		16	Х	1.00	=	1	6.0
	RECEPTACLE <10 kVA		2.8	Х	1.00	=		2.8
	RECEPTACLE >10 kVA		0	X	0.50	=		0.0
	LARGEST MOTOR		0	Х	0.25	=		0.0
	TOTAL kVA						2	22.8
	TOTAL AMPS							95

	NEMA 3R GRADE BOX		LOAD	CEI	NTER	2		240/120VAC-1F	PH-4W 100A	
	DESCRIPTION	CB	kVA	Ph	kVA	CB		DESCRIPTION	J	
1	30A	30/1	2.00	А	0.00	100/2	MAIN	BREAKER		2
3	30A	30/1	2.00	В	0.00					4
5	30A	30/1	2.00	Α	1.00	20/1	GFI			6
7	30A	30/1	2.00	В	1.00	20/1	GFI			8
9			0.00	Α	1.00	20/1	GFI			10
11			0.00	В	1.00	29/1	GFI			12
13			0.00	Α	0.00					14
15			0.00	В	0.00					16
	TOTAL kVA TOTAL AMPS								12.0 50	

NB		PANE	LBO	DARD	)	240/120 - 1 PH - 3 W	
NEMA 3R						250A - MCB	
DESCRIPTION	CB	kVA	Ph	kVA	CB	DESCRIPTION	
1 TREE LIGHTS	20/1	0.60	Α	7.20	100/2	FESTIVAL POWER	2
3 TREE RECEPTS	20/1	0.90	В	7.20			4
5 PEDESTRIAN LIGHTS	20/1	0.60	Α	7.20	100/2	FESTIVAL POWER	6
7 POLE RECEPTS (CONST)	20/1	0.90	В	7.20			8
9 POLE RECEPT (SWITCH)	20/1	1.00	Α	7.20	100/2	RV PANEL	10
11 POLE RECEPT (SWITCH)	20/1	1.00	В	7.20			12
13 POLE RECEPT (SWITCH)	20/1	1.00	Α	0.60	20/1	QUAD	14
15 POLE RECEPT (SWITCH)	20/1	1.00	В	0.00			16
17 TREE RECEPTS	20/1	0.90	Α	0.60	20/1	BOLLARD LIGHTS (E)	18
19	20/1	0.00	В	0.60	20/1	BOLLARD RECEPTS (E)	20
21	20/1	0.00	Α	0.60	20/1	BOLLARD LIGHTS (W)	22
23	20/1	0.00	В	0.60	20/1	BOLLARD RECEPTS (W)	24
25	20/1	0.00	Α	0.60	20/1	STRINGER LIGHTS	26
27	20/1	0.00	В	0.60	20/1	STRINGER LIGHTS	28
29	20/1	0.00	Α	0.60	20/1	STRINGER LIGHTS	30
31	20/1	0.00	В	0.60	20/1	RECEPTACLE	32
33	20/1	0.00	Α	0.80	20/1	IRRIGATION CONTROLLE	F 34
35	20/1	0.00	В	1.00	20/1	BFP	36
37	20/1	0.00	Α	0.00			38
39 SURGE ARRESTOR	20/2	0.00	В	0.00			40
41		0.00	Α	0.00			42
CONTINUOUS		3.2	Х	1.25	=	4.0	
NON-CONTINUOUS		50	Х	1.00	=	50.0	
RECEPTACLE <10 kVA		5.1	Х	1.00	=	5.1	
RECEPTACLE >10 kVA		0	Х	0.50	=	0.0	
LARGEST MOTOR		0	Х	0.25	=	0.0	
TOTAL kVA						59.1	
TOTAL AMPS						246	

EXISTING CIRCUITS	IN
ALLEY RECONNECT	TO
NEW PANEL	

		NEMA 3R						250A -	- MCB
		DESCRIPTION	CB	kVA	Ph	kVA	CB	DESCRIPTION	
	1	TREE LIGHTS	20/1	0.60	Α	7.20	100/2	FESTIVAL POWER	2
	3	TREE RECEPTS	20/1	0.90	В	7.20			4
	5	PEDESTRIAN LIGHTS	20/1	0.60	Α	7.20	100/2	FESTIVAL POWER	6
	7	POLE RECEPTS (CONST)	20/1	0.90	В	7.20			8
	9	POLE RECEPT (SWITCH)	20/1	1.00	Α	7.20	100/2	<b>RV PANEL</b>	10
	11	POLE RECEPT (SWITCH)	20/1	1.00	В	7.20			12
	13	POLE RECEPT (SWITCH)	20/1	1.00	Α	0.60	20/1	QUAD	14
	15	POLE RECEPT (SWITCH)	20/1	1.00	B	0.00			16
	17	TREE RECEPTS	20/1	0.90	Α	0.00			18
	19	GATEWAY SIGN	20/1	1.50	В	0.00			20
	21		20/1	0.00	Α	0.00			22
	23		20/1	0.00	В	0.00			24
	25		20/1	0.00	Α	0.00			26
	27		20/1	0.00	В	0.00			28
	29		20/1	0.00	Α	0.00			30
_	31		20/1	0.00	В	0.00			32
	33		20/1	0.00	Α	0.00			34
	35		20/1	0.00	В	0.00			36
	37		20/1	0.00	Α	0.00			38
	39	SURGE ARRESTOR	20/2	0.00	B	0.00			40
	41			0.00	Α	0.00			42
		CONTINUOUS		4.2	Х	1.25	=		5.3
		NON-CONTINUOUS		46.2	Х	1.00	=		46.2
		RECEPTACLE <10 kVA		2.8	Х	1.00	=		2.8
		RECEPTACLE >10 kVA		0	Х	0.50	=		0.0
		LARGEST MOTOR		0	X	0.25	=		0.0
		TOTAL 13/4							54.0
		IOIAL kVA							54.3
		TOTAL AMPS							226

	SB		PANE	LBC	DARD		240/120 - 1 PH	- 3 W
	NEMA 3R						250A -	MCB
	DESCRIPTION	CB	kVA	Ph	kVA	CB	DESCRIPTION	
1	TREE LIGHTS	20/1	0.60	A	7.20	100/2	FESTIVAL POWER	2
3	TREE RECEPTS	20/1	0.90	В	7.20			4
5	PEDESTRIAN LIGHTS	20/1	0.60	Α	7.20	100/2	FESTIVAL POWER	6
7	POLE RECEPTS (CONST)	20/1	0.90	В	7.20			8
9	POLE RECEPT (SWITCH)	20/1	1.00	A	7.20	100/2	RV PANEL	10
11	POLE RECEPT (SWITCH)	20/1	1.00	В	7.20			12
13	POLE RECEPT (SWITCH)	20/1	1.00	A	0.60	20/1	QUAD	14
15	POLE RECEPT (SWITCH)	20/1	1.00	B	0.00			16
17	TREE RECEPTS	20/1	0.60	Α	0.00			18
19	IRRIGATION CONTROLLEI	20/1	0.50	В	0.00			20
21	CLOCK	20/1	0.10	Α	0.00			22
23		20/1	0.00	В	0.00			24
25		20/1	0.00	Α	0.00			26
27		20/1	0.00	В	0.00			28
29		20/1	0.00	Α	0.00			30
31		20/1	0.00	В	0.00			32
33		20/1	0.00	Α	0.00			34
35		20/1	0.00	В	0.00			36
37		20/1	0.00	Α	0.00			38
39	SURGE ARRESTOR	20/2	0.00	В	0.00			40
41			0.00	A	0.00			42
	CONTINUOUS		3.2	Х	1.25	=		4.0
	NON-CONTINUOUS		45.4	X	1.00	=		45.4
	RECEPTACLE <10 kVA		3.4	Х	1.00	=		3.4
	RECEPTACLE >10 kVA		0	Х	0.50	=		0.0
	LARGEST MOTOR		0	X	0.25	=		0.0
	TOTAL kVA							52.8
	TOTAL AMPS							220

0 8' 16' 32' 0 4' 8' 16' 0 2' 4' 8' 0 1' 2' 0 6" 1' 2' 0 3" 6" 1' 0 3" 6"

	SC		PANE	LBO	DARD		240/120 - 1 PH - 3 \	N
	NEMA 3R						250A - MC	В
	DESCRIPTION	CB	kVA	Ph	kVA	CB	DESCRIPTION	
1	TREE LIGHTS	20/1	0.60	Α	7.20	100/2	FESTIVAL POWER	2
3	TREE RECEPTS	20/1	0.90	В	7.20			4
5	PEDESTRIAN LIGHTS	20/1	0.60	Α	7.20	100/2	FESTIVAL POWER	6
7	POLE RECEPTS (CONST)	20/1	0.90	В	7.20			8
9	POLE RECEPT (SWITCH)	20/1	1.00	Α	7.20	100/2	RV PANEL	10
11	POLE RECEPT (SWITCH)	20/1	1.00	B	7.20			12
13	POLE RECEPT (SWITCH)	20/1	1.00	Α	0.60	20/1	QUAD	14
15	POLE RECEPT (SWITCH)	20/1	1.00	B	0.00			16
17	TREE RECEPTS	20/1	0.60	Α	0.00			18
19		20/1	0.00	В	0.00			20
21		20/1	0.00	Α	0.00			22
23		20/1	0.00	В	0.00			24
25		20/1	0.00	Α	0.00			26
27		20/1	0.00	B	0.00			28
29		20/1	0.00	Α	0.00			30
31		20/1	0.00	В	0.00			32
33		20/1	0.00	Α	0.00			34
35		20/1	0.00	В	0.00			36
37		20/1	0.00	A	0.00			38
39	SURGE ARRESTOR	20/2	0.00	B	0.00			40
41			0.00	A	0.00			42
	CONTINUOUS		3.2	Х	1.25	=		4
	NON-CONTINUOUS		44.8	X	1.00	=	44.	8
	RECEPTACLE <10 kVA		3.4	Х	1.00	=	3.	4
	RECEPTACLE >10 kVA		0	Х	0.50	=		0
	LARGEST MOTOR		0	Х	0.25	=		0
	TOTAL kVA						52.2	0
	TOTAL AMPS						21	8
L								

### PANELBOARD

NC

240/120 - 1 PH - 3 W 250A - MCB

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